



Missouri S&T Magazine, December 1975

Miner Alumni Association

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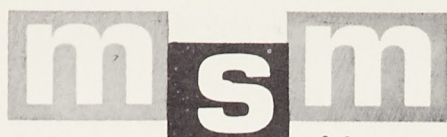
DEC 31 1975

DECEMBER 1975

Alumnus

UNIVERSITY OF MISSOURI - R O L L A





Alumnus

MSM-UMR Alumni Association
University of Missouri - Rolla
Rolla, Missouri 65401

Volume 49

December 1975

Number 7

On the Front Cover



Rocks from the School Mine, part of the landscape in the major campus mall.

Photo: Ernie Gutierrez, staff photographer.

Issued bi-monthly in the interest of the graduates and former students of the Missouri School of Mines and Metallurgy and the University of Missouri-Rolla. Entered as second class matter October 27, 1926, at Post Office at Rolla, Missouri 65401, under the Act of March 3, 1897.

MSM-UMR Alumni Association

Telephone (314) 341-4171; (314) 341-4172

OFFICERS			Term Expires
President.....	Robert M. Brackbill '42.....	Texas Pacific Oil Co., 1700 One Main Place, Dallas, TX 75240	1976
President-Elect.....	Richard H. Bauer '52.....	Missouri Electrochem, Inc., 8013 Dale Ave., St. Louis, MO 63117	1976
Vice-President.....	Arthur G. Baebler '55.....	20 Fox Meadows, Sunset Hills, MO 63127	1976
Vice-President.....	Robert D. Bay '49.....	222 Magna Carta Dr., St. Louis, MO 63141	1976
Vice-President.....	James B. McGrath '49.....	Fruin-Colnon Corp., 1706 Olive St., St. Louis, MO 63103	1976
Vice-President.....	Joseph W. Mooney '39.....	7383 Westmoreland, University City, MO 63130	1976
Secretary.....	Robert V. Wolf '51.....	Dept. of Metallurgical & Nuclear Engr., UMR, Rolla, MO 65401	1976
Treasurer.....	Vernon T. Loesing '42.....	Route #4, Box 50, Rolla, MO 65401	1976

DIRECTORS AT LARGE			Term Expires
Allan H. LaPlante '63.....	12702 Rocky Hill Dr., Houston, TX 77066.....		1977
Belding H. McCurdy '38.....	7400 Sun Island Dr., South, Suite 711, South Pasadena, FL 33707.....		1978
E. L. Perry '40.....	General Manager, Port of Tacoma, Tacoma, WA 98401.....		1977
Walter C. Mulyca '65.....	203 Hillcrest, Marshall, TX 75670.....		1978
Lawrence A. Spanier '50.....	5 Pettit Dr., Dix Hills, NY 11746.....		1976
John O. Wilms '43.....	7505 Variel, Canoga Park, CA 91303.....		1976

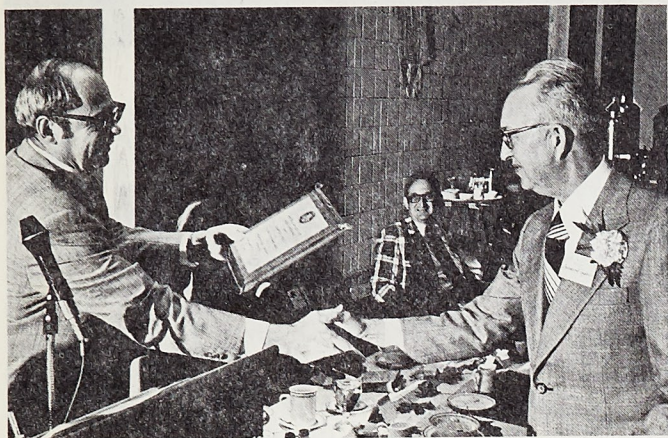
AREA DIRECTORS			Term Expires
Code Numbers			
00-14 H. W. Flood '43.....	183 Main St., Acton, MA 01720.....		1977
15-21 J. D. Patterson '61.....	1660 Ashlawn Dr., Pittsburgh, PA 15241.....		1977
22-33 John B. Toomey '49.....	7412 Admiral Drive, Alexandria, VA 22307.....		1976
35-45 Harold Kosten '60.....	11566 Plumhill Dr., Cincinnati, OH 45242.....		1977
46-59 Eugene C. Fadler '62.....	19716 Coachwood, Riverview, MI 48192.....		1978
60-61 Frank C. Appleyard '37.....	808 Solar, Glenview, IL 60025.....		1976
62-62 C. Stuart Ferrell '64.....	219 Timothy Lane, Carterville, IL 62918.....		1978
63-65 Alfred J. Buescher '64.....	624 Golfview Dr., Ballwin, MO 63011.....		1978
63-65 Robert W. Klorer '44.....	7500 Natural Bridge Rd., St. Louis, MO 63121.....		1977
63-65 Harold A. Krueger '42.....	Ozark Lead Co., Rural Branch, Sweetwater, MO 63680.....		1976
63-65 J. R. Patterson '54.....	P.O. Box 573, Sikeston, MO 63801.....		1977
63-65 George R. Schillinger '63.....	7598 John Ave., Oakville, MO 63129.....		1977
63-65 Clifford C. Tanquary '57.....	14219 Denver Ave., Grandview, MO 64030.....		1978
63-65 Bruce E. Tarantola '51.....	9000 Skycrest Dr., St. Louis, MO 63126.....		1978
63-65 George D. Tomazi '58.....	12723 Stoneridge Dr., Florissant, MO 63033.....		1978
63-65 R. Michael Salmon '63.....	2310 Texas, Joplin, MO 64801.....		1978
63-65 Edwin J. Werner '49.....	11015 East 39th, Independence, MO 64052.....		1976
66-74 Herman Fritschen '51.....	5249 S. 68th East Place, Tulsa, OK 74145.....		1976
75-79 Rex Alford '40.....	5743 Jason, Houston, TX 77035.....		1976
80-90 Thor Gjelsteen '53.....	3065 South Ingalls Way, Denver, CO 80227.....		1977
and			
96-99			
90-95 E. Murray Schmidt '49.....	157 Hickey Blvd., S. San Francisco, CA 94080.....		1976

EXECUTIVE COMMITTEE			Term Expires
Peter F. Mattei '37.....	9954 Holliston Court, St. Louis, MO 63124.....		1980
James J. Murphy '35.....	President, Murphy Company, 1340 North Price Road, St. Louis, MO 63132.....		1978
R. O. Kasten '43.....	901 West 114th Terrace, Kansas City, MO 64114.....		1976

EX-OFFICIO DIRECTORS		
Paul T. Dowling '40.....	Nooter Corp., 1400 S. Third St., St. Louis, MO 63131	
Karl F. Hasselmann '25.....	3100 W. Alabama, Suite 207, Houston, TX 77006	
Melvin E. Nickel '38.....	10601 South Hamilton Ave., Chicago, IL 61643	
F. C. Schneeberger '25.....	#1 Briar Oak, St. Louis, MO 63132	
James W. Stephens '47.....	Missouri Public Service Co., 10700 E. Highway 50, Kansas City, MO 64138	

STAFF		
Frank H. Mackaman.....	Executive Vice-President.....	MSM-UMR Alumni Association Harris Hall, UMR, Rolla, MO 65401

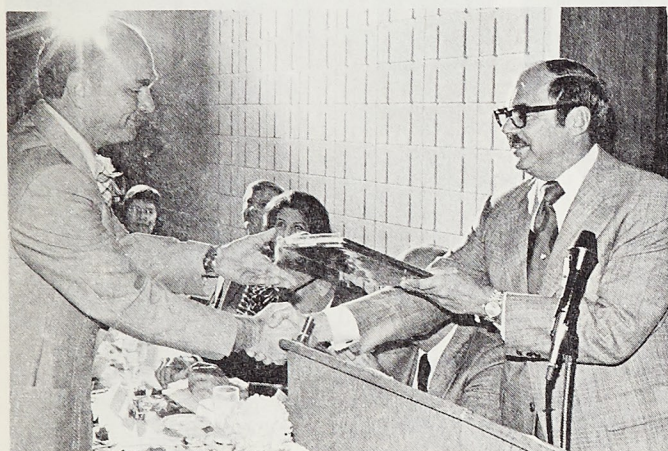
Alumni Awards Banquet



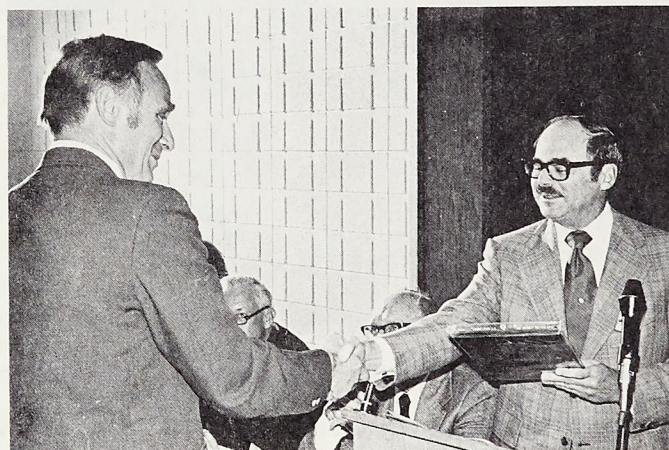
*Durward E. Fagan '34
Alumni Achievement Award*



*Jennings R. Lambeth '41
Alumni Achievement Award*



*Gordon L. Scofield '49
Alumni Achievement Award*



*Joseph J. Yancik '56
Alumni Achievement Award*



*Ragan Ford '23
Alumni Service Award*



*Oliver W. Kamper '35
Alumni Service Award*

AWARDS BANQUET



*Joel F. Loveridge '39
Alumni Service Award*



*Henry D. Monsch '29
Alumni Service Award*



*Edward A. Smith '24
Alumni Service Award*



*Earl Randolph
Alumni Merit Award*



*Gabriel G. Skitek '43
Alumni Merit Award*



*Charles A. Sorrell
Alumni Merit Award*

President Ratchford Honored



The MSM-UMR Alumni Association honored thirteen individuals at its annual awards banquet, held as part of the University of Missouri - Rolla homecoming activities Saturday evening, Oct. 18.

Honorees were selected for the awards by an anonymous committee of alumni and received plaques in token of this recognition.

The Association's achievement awards are presented for outstanding service in areas of business, academic accomplishments or achievement and/or recognition of civic or professional activities. Those who received this award are: Durward E. Fagan, '34, civil engineering, Palos Heights, Ill., president of the S. G. Hayes & Co. firm of Markham; Jennings R. Lambeth, '41, chemical engineering, Youngstown, Ohio, president of Youngstown Sheet and Tube Co.; Gordon L. Scofield, '49, mechanical engineering, Houghton, Mich., professor and chairman of mechanical engineering at Michigan Technological University, and Joseph J. Yancik, '56, mining engineering, Fairfax, VA., assistant director-mining, U.S. Bureau of Mines, Department of the Interior.

Service awards are given to alumni for outstanding contributions to the University or the Alumni Association. This year's awardees in the service area were: Ragan Ford, Ex '23, Minden,

La., owner-manager of public utilities firms (retired); Oliver W. Kamper, '35, ceramic engineering, Sun City, Ariz., manager-mining (retired), Harbison-Walker Refractories; Joel Loveridge, '39, civil engineering, St. Louis, owner, Loveridge Engineering Sales; Henry D. Monsch, '29, metallurgical engineering, Green Valley, Ariz., staff metallurgist (retired), specifications and statistical analysis department, Metallurgical and Quality Assurance Division of ALCOA, and Edward Smith, Ex '24 and Management Engineer '72, Tulsa, Okla., chairman of Service Drilling Co.

Merit Awards are given to alumni and non-alumni for service to the University or Association or to faculty members for outstanding accomplishments in teaching, research, recognition by professional organizations, or for outstanding service to the University or Association. Those who received the Merit Awards are: Earl Randolph, UMR Librarian (retired), Rolla; Gabriel G. Skitek, '43, professor of electrical engineering at UMR, Rolla, and Dr. Charles A. Sorrell, professor of ceramic engineering at UMR, Rolla.

This year, the Association Board of Directors also awarded an Honorary Life Membership in the MSM-UMR Alumni Association to C. Brice Ratchford, president of the University of Missouri.

Board of Directors Meets

Twenty-nine Association officers and directors attended the annual meeting on October 17, 1975, in the University Center on the Rolla campus. Present for the meeting were: Robert M. Brackbill, Richard H. Bauer, Arthur G. Baebler, Robert D. Bay, James B. McGrath,

Joseph W. Mooney, Robert V. Wolf, Vernon T. Loesing, Allan H. LaPlante, Belding H. McCurdy, E. L. Perry, Hans E. Schmoldt, Walter C. Mulyca, Lawrence A. Spanier, John B. Toomey, C. Stuart Ferrell, Robert W. Klorer, Harold A. Krueger, J. R. Patterson,

BOARD (Cont.)

George R. Schillinger, Clifford C. Tanquary, Bruce E. Tarantola, Edwin J. Werner, Rex Alford, Thor Gjelsteen, Peter F. Mattei, James J. Murphy, R. O. Kasten, and Paul T. Dowling. Staff member present was Frank Mackaman. Report was made to the Board on the election of directors to serve three-year terms and the following were elected: Belding McCurdy, Walter Mulyca, Eugene Fadler, Stuart Ferrell, Al Buescher, Cliff Tanquary, Bruce Tarantola, George Tomazi, and R. Michael Salmon. Among the important items of business handled during the meeting was the adoption of the Financial Support; Charitable budget as follows:

	1975-76	1976-77
Administrator Support Fund.....	\$ 5,000	\$ 5,000
Alumni Association Scholarships...	5,000	7,500
Alumni Association Grants-in-Aid...	2,000	3,000
Alumni Educational Assistant Program.....	10,000	10,000
Alumni Alliance...	2,000	2,000
	<u>\$24,000</u>	<u>\$27,500</u>

As the meeting proceeded, President Brackbill presented Chancellor Bisplinghoff, who made remarks on the current status of the University. The Chancellor responded to inquiries about his presentation. The treasurer then presented the audited financial report and proposed the operating budget for 1975-76. The proposed operating budget for 1975-76 totals \$63,300 and includes \$5,000 for transfer to the Directory Reserve.

In further action, the Board authorized the appointment of a committee consisting of Art Baebler, Bob Bay, and Larry Spanier to serve with Jim McGrath in liaison relative to the University development efforts. The results of the Alumni Annual Fund efforts for 1975, having previously been reported in the August *MSM ALUMNUS*, the interim fund report was made which showed the fastest start on record. Based on the early reports, the Board at this meeting authorized an additional \$4,000 for the Educational Assistant Program. The Memorial Resolution reported elsewhere in this issue of the *ALUMNUS* was passed unanimously by the Board. Complete copies of the minutes and financial statements are available upon request.

MSM-UMR ALUMNI ASSOCIATION

UNIVERSITY OF MISSOURI - ROLLA

Statement of Assets & Liabilities & Equity

August 31, 1975

ASSETS

Cash in Bank — General Operating Fund	\$6,228.42
Cash in Bank — General Operating Fund — Savings	10,000.00
Cash in Bank — R. E. Dye Endowment Fund	2,790.55
Cash in Bank — Laclede Steel Fund	879.03
* Investments — Alumni Association Endowment	13,500.00
* Investments — R. E. Dye Endowment Fund (Cost)	68,647.87
* Investments — Burdick Fund	6,000.00
TOTAL ASSETS	<u>\$108,045.87</u>

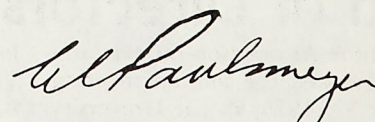
LIABILITIES AND EQUITY

Alumni Association Endowment Fund	\$13,500.00
R. E. Dye Endowment Fund	71,438.42
Burdick Fund	6,000.00
Laclede Steel Emergency Fund	879.03
Members Equity	16,228.42
TOTAL FUND AND MEMBERS EQUITY	<u>\$108,045.87</u>

INVESTMENTS — OTHER FUNDS

Burdick Fund	
* 7½ % Treasury Note	<u>\$6,000.00</u>
Alumni Association Endowment	
* Certificates of Deposit	<u>\$13,500.00</u>

* All the investments as noted above were examined by Mr. Mackaman and Mr. Paulsmeyer at the Rolla Bank.


C. C. Paulsmeyer
Auditor

Director-at-Large Elected. . .

Walter C. Mulyca, 203 Hillcrest Terrace, Marshall, TX 75760, was elected to a three-year term as Director-at-Large of the Association. Walt, a 1965 graduate in Metallurgical Engineering, is Area Supervisor-Production with ALCOA in Marshall.

Long active in Association affairs, Walt moved through the offices in the Ark-La-Tex Section and is a past-president of the group. A native of New York, Walt was first assigned by ALCOA to Massena, NY, and has been in Texas since 1969. He is married to Ann Reed Gardnee, and at this writing, they have three children.

I Do Not Choose to Run. . .

Hans E. Schmoltdt, '44, 3305 Woodland Road, Bartlesville, OK, owner of Schmoltdt Engineering Services Co., asked that his name not be placed in nomination for the recent election. A member of the Association Board of Directors for 28 years, he most recently served as Chairman of the Centry Club committee for the record setting year of 1975. Hans and his lovely wife, Jimmie, are familiar figures at all Rolla and Oklahoma alumni gatherings. Their oldest son is also a graduate of UMR.

Hans saw not only yeoman service with the national Association, but has long been active in the Bartlesville Section and was active in the reorganization of the Tulsa activities. He also served on the Chancellor's Task Force and Development Council. A generous supporter of university programs, he has, with his wife, also commissioned art works for the new chemistry and chemical engineering departmental offices.

Although Hans has retired from elective office in the Association, none who know him believe that he will have any less love for his Alma Mater, or that he will ever be anything but her staunch promoter. All of us wish Hans well and trust that he finds some pleasure in the present status of the Association, the Association which he began to serve as Membership Chairman in 1947, during the presidency of Karl Hasselmann.

MSM Alumnus

Alumnus Circulation

The *ALUMNUS* is published six times per year, February, April, June, August, October, and December. The August *ALUMNUS* carries a report of the Alumni Annual Fund, the Honor Roll of Donors, and announcements of Homecoming events. The December *ALUMNUS* carries stories of Homecoming activities, Association reports, and results of elections. The other issues carry general news of alumni and the University.

The publication of the *ALUMNUS* is financed by gifts to the ALUMNI ANNUAL FUND. University funds do not pay for the magazine. The Board of Directors of the MSM-UMR Alumni Association sets the circulation policy and these are their guidelines:

Each issue is mailed to all members of the most recent graduating class.

Each issue is distributed to all faculty and staff members.

Each issue is mailed to all life members of the Association.

Each issue is mailed to all state legislators, University of Missouri Curators, and University administrators.

The August and December issues are mailed to all alumni of record.

The other issues are mailed to the donors to the Alumni Annual Fund, from the date of the gift to the close of the fiscal year, which is August 31.

This variation in mailing lists results in some problems. We get news items in a variety of ways and do not make it a practice to check to see if the news item refers to a donor to the Fund; that is not a part of the decision of whether to publish it or not. Consequently, we do publish items which refer to alumni who are not regular readers of the *ALUMNUS*. They never know. Frequently we get a news item without any identification as to the alumnus involved.

So, if you have sent us an item and you believe we have ignored it, there are several tests you can make: First, are you a current donor so that you are on the mailing list for all issues of the *ALUMNUS* (you are not current if you get Fund mailings) and, second, was the item identified so that your name and relationship to UMR was clear. Let us know if we are guilty of missing a newsworthy item — that is not our intention.

NOMINATIONS SOUGHT

The Chairman of the Nomination Committee solicits your suggestions for officers and directors to be elected in the fall of 1976. Terms of the incumbents are shown on the inside front cover of this magazine. The Chairman is particularly interested in those you know who have been of particular help in section or society affairs. Please send names to the Alumni Office, UMR, Harris Hall, Rolla, MO 65401

Ike Edwards. . .

The October issue of the MSM *ALUMNUS* carried the news of the death of Francis C. "Ike" Edwards, Executive Secretary of the MSM-UMR Alumni Association. This Resolution, a draft of which appeared in the October *ALUMNUS*, was passed unanimously at the Board of Directors meeting, Friday, October 17, 1975. Secretary of the Association, Professor Robert V. Wolf, '51, author of the Resolution, presented it to the membership as the closing item of the annual meeting of the MSM-UMR Alumni Association held immediately following the Awards Banquet. Elmer Gammeter, '26, who has long had the avocation of illuminating manuscripts, has designed and is preparing the Resolution in this form for presentation to the family.

Since the October *ALUMNUS* had limited circulation and many of you who knew Ike might wish to have more details, we will furnish copies of it upon request.

A Memorial Fund has been established to honor Francis C. "Ike" Edwards. Gifts may be forwarded to the MSM-UMR Alumni Association Office, Harris Hall, University of Missouri-Rolla, Rolla, Mo. 65401. Please make checks payable to the Ike Edwards Fund.

Resolution . . .

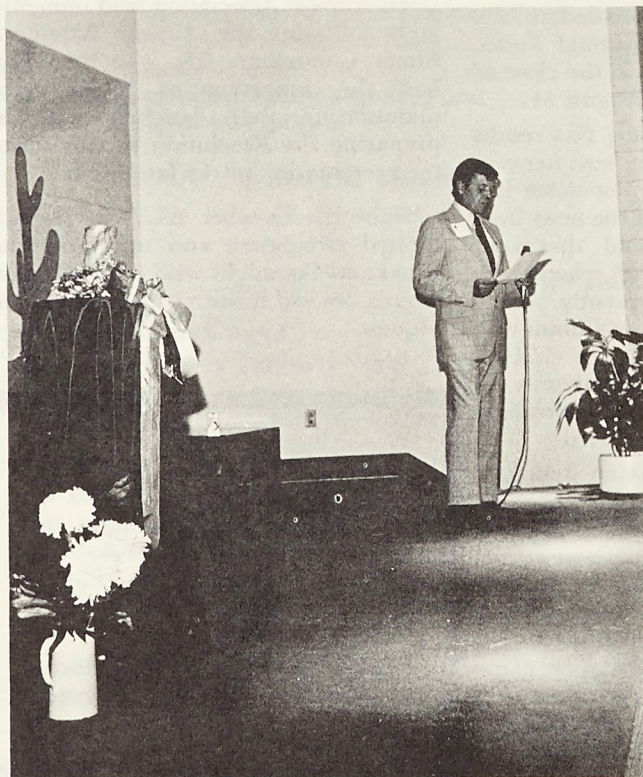
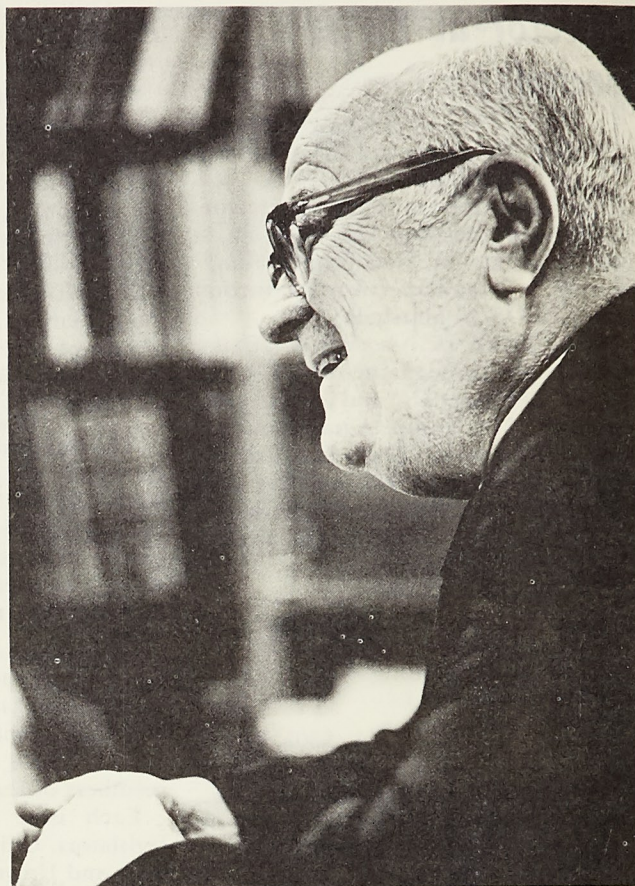
Francis C. Edwards was born March 16, 1907, in Mt. Airy, Iowa, and died October 13, 1975, in Rolla, Missouri.

"Ike" earned AB and BS degrees in Education from Northwest Missouri State College. His entire professional life was spent in a successful career in education and service. "Ike's" career was, as was his day to day life, a continuous response to the real needs of his surroundings. His progression from High School Principal to School Superintendent to Civilian Conservation Corps leadership to service with the American National Red Cross represents a series of responses to the needs of the times.

In 1953, the MSM Alumni Association realized a need for professional leadership. The Association had outgrown its exclusively volunteer, part time leadership and sought a full-time staff member. Francis C. Edwards answered the call of the Association by coming to Rolla and becoming a pioneer in the leadership of the Association as it exists today; again Ike responded to a need. Ike became the School's most effective ambassador in his relationships with individual alumni, with groups of alumni meeting in locations throughout the country, with readers of the Associations' publications, and with anyone else who came within that cordial circle that surrounded him wherever he went.

We will remember Ike because he always remembered us; our names, our faces, our interests and concerns. He made us feel good because he made us feel like we were important people.

We will remember Ike because he was always a gentleman.



We will remember Ike because when we tired of routine, he exerted his tireless and inspiring leadership.

We will remember Ike because when we disagreed, there was no way that he could become disagreeable.

We will remember Ike because he had the unusual ability to bring order to chaos and bring seemingly insurmountable problems into reasonable perspective.

We will remember Ike because he handled details and problems with such apparent ease.

We will remember Ike because we could always share our problems with him and he always eagerly accepted a share of our problems as though he had none of his own.

We will remember Ike because he was truly our friend and a loyal friend of the Association and the University.

In recognition of Ike's contributions to this Association and its members, the MSM-UMR Alumni Association, through its Board of Directors, convened on October 17, 1975, hereby resolves that:

The Association express its appreciation for having so greatly benefitted from the services and friendship of Francis C. Edwards and that . . .

The Association express its gratitude to Marjorie for sharing Ike with us for these many years and that . . .

The Association express its sincere sympathy to Ike's family for their personal loss.

Ike will, indeed, be honored in the memories of all whose lives he touched.

The Association further resolves that a copy of this resolution be presented to Marjorie Edwards and be proclaimed to the membership on the occasion of the Annual Meeting, October 18, 1975.

R. V. Wolf, Secretary

December 1975

Homecoming Registration



This year Homecoming Registration was moved back to the campus after several years of being held in a local motel. The lounge of the Student Union portion of the University Center was the site and this allowed for some interesting innovations. The unique feature in 1975 was that we were able to transport all alumni records to registration. Since there are listings of 21,000+ persons who have attended MSM-UMR, you may be certain there was a gimmick.

Regular readers of the *ALUMNUS* and the *ALUMNI DIRECTORY* or Section Officers know that the alumni records are now maintained on a 370/168 IBM computer housed in the University of Missouri computer network facility located in Columbia. The UMR alumni records are created and updated via a cathode ray display terminal connected by telephone line to that facility.

MSM Alumnus

Campus computer experts encouraged us to move the equipment to the registration site and helped with the move and testing required. They also designed a modification from our normal operating procedure which allowed us to print on site a hard copy of the individual alumnus record as it appeared on the display screen. At registration, then, the alumnus could ask that his individual record be called up for verification and that any necessary corrections be entered. If there was a question about other alumni, the records asked for could be produced visually or in print, as necessary. Tricia Brewer, alumni terminal operator, was responsible for this part of registration.

It is almost impossible to over-rate the helpfulness of computerized record keeping as far as the alumni office is

concerned. One statistic gives a glimpse: pre-computer, the best day we had for one trained girl to correct all necessary records on an alumnus resulted in 51 updated records; we can now do about 40 per hour. For the first time we have the capability to sort by department, year of graduation, occupational title, business, and sub-categories within each group. We can and do keep organizational classifications (GDI and fraternal, honor, and activities). The system was designed and put on-line by our own UMR computer people.

We are extremely pleased with the operation of our system; it is user driven; we can terminal-control output and maintain control of the updating-creation function. We believe those who registered for Homecoming were also pleased.

Homecoming Registration List . . .

Mr. & Mrs. Don Branson '50
 Tom Herrmann '50
 Mr. & Mrs. Alfred A. Mitchell '31
 Albert F. Seelig, Jr. '49
 Ronald P. Carver '60
 Charles C. Ward '40
 Joseph J. Reiss '49
 Elmer D. Packheiser '51
 Floyd S. Macklin '32
 Gerald J. Hart '71
 Bob Baerveldt '48
 Pete DesJardins '44
 Fred H. Hoener '41
 Charles Germer '55
 Thomas E. Smith '51
 Dick Bullock '51
 Neal Schaeffer '68
 George W. Gergeceff '50
 Jennings R. Lambeth '41
 William G. Haymes '50
 Charles Brinkmann '50
 Richard A. Wills '61
 Robert W. Buel '50
 Thomas G. Cassady '60
 Carl E. Zerweck, Jr. '50
 Frank T. Chambers '50
 Chester H. Baker '55
 Bernie Wagner '50
 John W. Weingaertner '50
 M. R. Strunk '47
 Bob Settgas '50
 Bob Peppers '50
 Dave Kick '57
 Stanley Dolecki '50
 Ed Acheson '50
 Ken Carpenter '40
 A. R. Maune '30
 Warren Loveridge '41
 Bob Buck '35
 Jack A. Sontag '50
 E. A. Smith '24
 David H. Macdonald '50
 Jimmie Schmoldt
 Harold W. Wagner, Jr. '68
 Herbert W. Schroer '60
 Richard I. Arnold '65
 Dennis L. Chasten '70
 Fred H. Eckert '50
 Hans Schmoldt '44
 John & Shirley Knappert '50
 Belding McCurdy '38
 Aaron Greenberg '50
 Thor Gjelsteen '53
 Frederick J. Smith '65
 Walt & Anne Mulyca '65
 Robert Flippo '50
 Geri & Bob Weber '70
 A. H. LaPlante '63



J. P. Brown '50
 Aaron J. Miles '30
 Ollie Kamper '35
 Ed Barsachs '50
 John E. Smith '51
 Jim & Edna Scott '50
 Walker E. Case '22
 Clarence A. Isbell, Jr. '50
 Howard M. Katz, Jr. '40
 Andy Andreasen '50
 John Toomey '49
 Hueston M. Smith '38
 Marianne (Schaefer) & David Cochran '50
 Bill Gabelmann '50
 Dick Marting '50
 Ruth & Don Dutton '35
 Edith & Gabe Skitek '43
 Paul & Frieda Munger '58
 William J. Nolte '20
 John S. Brown '17
 Glen Haddock
 R. A. Schaefer '47
 Roy Clayton '50
 W. G. Higgins '50
 Dale Sims '50
 Jack E. Guth '50
 M. L. "Attie" Atkinson '25
 Bob Lange '37
 Armin J. Tucker '40
 Frank Packheiser '50
 W. T. Schrenk '58
 Hugh R. Berry '25
 David W. Dearth '68
 Carl J. Heim '25
 Mrs. Emmett Mitchell
 Howard Eloee
 J. Kent Roberts '50
 J. Richard Hunt '50

Oliver A. Jorcke '50
 Paul Haas '50
 Clarence C. Palmer '40
 Warren H. Johnson '50
 Elmer Gammeter '26
 E. A. Brecke '37
 Gene Weber '47
 Hank Monsch '29
 Henry Emmett Gross '28
 Frank E. Townsend '11
 J. Lewis Andrews '24
 William M. Shepard '51
 Charles Harold Jennings '30
 Edwin J. Ballantyne, Jr. '60
 Paul W. Green '50
 Don Spackler '50
 Fred Boecker '50
 Dell Hollenbach '50
 Dick Atchison '50
 Lynn Renner '50
 Chuck Daniells '49
 John F. Welch, Jr. '40
 Paul T. Dowling '40
 Robert R. Kessler '72
 Vernon T. McGhee '42
 George P. Miller '50
 James M. Franklin '55
 Mr. & Mrs. Edward L. Tharp '65
 Mr. & Mrs. Charles E. McGaughey '50
 Mr. & Mrs. Herman C. Byrd '50
 Mr. & Mrs. Charles Irving '25
 Mr. & Mrs. Jack R. Babbitt '50
 Mr. & Mrs. W. D. Humphrey '50
 Virgil J. Flanigan '60
 Allen Paschke '75
 Mr. & Mrs. William J. Main
 Mr. & Mrs. Ted Machin '22
 Mr. & Mrs. W. S. Frame '23

REGISTRATION (Cont.)

Mr. & Mrs. W. P. Young '40
C. James Grimm '30
Joseph W. Mooney '39
G. E. Lorey
Russell A. Gund '40
Walter A. Baumstark '40
Bob Peirson '65
Carol & Bill Bachman '50
Mr. & Mrs. Raymond H. Maag '50
Richard A. Kerr '50
Ragan Ford '23
Mr. & Mrs. Charles F. Romine '50
John O'Neill '40
Mr. & Mrs. Joel F. Loveridge '39
Paul F. Carroll '50
Vernon A. C. Gevecker '31 (50)
Mildred Gevecker '38
Homer Thompson '32 (50)
Bob Klug '40
Dominic A. Greco '44
Louis E. Greco '50
Joseph N. Strubertt '49
George W. Axmacher '42
Robert B. Oetting '55
Bill Knight '24
Ralph E. Wolfram '50
Ed Heiss '40
Melvin Nierdieck '50
Harold A. Krueger '42
Edward Rueff '40
Donald G. DeBolt '49
Bud Friederich '55
Col. Harry F. Kirkpatrick '30
Mr. & Mrs. Wayne Bennetsen '41
Jerry L. Gilmore '60
Donald G. Crecelius '41
Andy Cochran '41
Sid Duerr '50
Charles McAninch '55
Earl G. Reynolds '50
Rex Alford '40
E. J. Werner '49
T. J. Reeves '50
John & Helen Beach '39
I. H. & Alma Lovett '24
John C. Wiesenmeyer '69
L. W. Eastep '69
Frank Finch '50
Harold & Tina Miller '39
Harold & Marie Theerman '50
Art & Mildred Dennis '40
Martin & Irene Goldstein '65
Ralph & June Hall '40
Bruce & Anita Tarantola '51
George & Nancy Schillinger '63
Peter F. Mattei '37
Ray & Dorothy Kasten '43
C. Stuart & Twyla Ferrell '64
Larry & Elaine Spanier '50

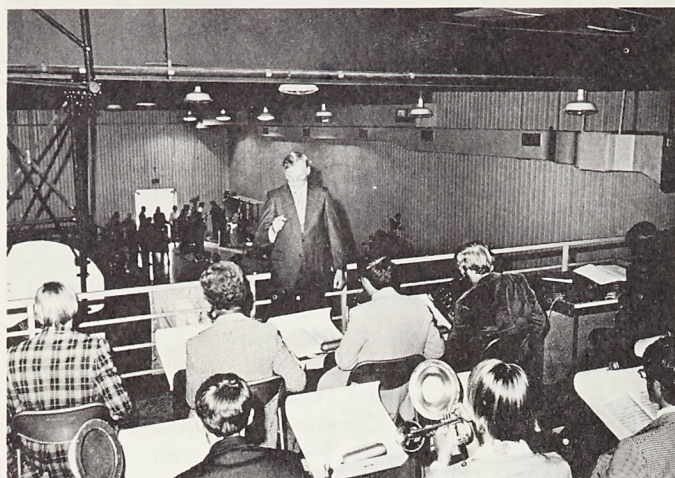
MSM Alumnus



Bob & Marie Klorer '44
Don & Vera Baker '25
Vernon & Betty Loesing '42
Hap & Jackie Haffner '35
Robert O. Franklin '50
Mr. & Mrs. Raymond F. Matlage '50
Mr. & Mrs. Ralph S. Barr '65
Mr. & Mrs. Willis S. Cady '50
James G. Miller '38
Eugene E. Mertl '60
James M. Neely '50
Robert A. Strain '50
Daniel Kennedy '26
Ron Ward '25
Milburn L. Dorris '23
Mr. & Mrs. Peter B. Kelly '50
Elizabeth Hardebeck '58
Mr. & Mrs. Elmer J. Sperling '31
Mr. & Mrs. Charlie Kunz '50
Carl Christiansen '47
Vernon Unger '40
Karl W. Kaveler '30
Ren Beatty '30
William C. Alexander '40
J. O. Ferrell '40
Jim De'p '60
Harold Webers '45
Donald W. Spencer '53
C. R. Remington '49
Bill Wisch '50
Harve Meier '50
Milt Freiert '50
Herb Gilham '69
Gill Montgomery '35
John Salvaggi '50
Don McDonough '50
Joe Senne '51
Matt Coco '66
Arthur Schmidt '50
James R. Roux '41
Otis H. Taylor '42
Larry Lee '57
George W. Mabie '50
Harold R. Roenfeldt '50
Elmer W. Belew '47

Charles E. Christian '53
Woody Burgess '40
Durward & Edna Fagan '34
Leo & Octavia Sullentrup '34
Eugene A. Bartels '50
E. L. (Roy) Perry '40
R. H. (Dick) Bauer '52
Bob & Dottie Wolf '51
Bill Puetz '41
Lynne Puetz '73
Art Weber '40
Frank Mackaman
Robert M. Brackbill '42
Jim Blank '50
Gary Hinz '65
Rick Schmidt '65
George A. Rees '50
George M. Anderson '49
Gene F. Robinson '50
Paul Barnard '52
L. W. "Bill" Higley '43
Norman F. Schneider '50
William H. Webb '39
E. K. "Toots" Schuman '20
Wilson Schuman '55
Jack Painter '50
Norman Williams '50
Alden Williams '50
Bob Ridley '40
Thomas Roth '74
Gordon L. Scofield '49
Nancy Scofield '50
Howard Houska '50
George E. Fort '40
David Hayes '65
Jerry Minoff '74
Craig Goldstone '74
Burt Ziskind
Steve Polinsky '75
James J. Murphy '35
James B. McGrath '49
Arthur G. Baebler '55
J. Robert Patterson '54
Robert D. Bay '49
Clifford C. Tanquary '57

Homecoming Festivities. . . .



Golden Oldies

Music by the Miner Band and two contests in addition to the football game were among the highlights of homecoming festivities at the Jackling Field Oct. 18.

Pre-game activities began at 1:30 p.m. with the annual pajama race sponsored by the Interfraternity Council. The winning organization, Sigma Phi Epsilon, received a travelling trophy.

This event was followed by the second pie-eating contest sponsored by Kappa Kappa Psi and Tau Beta Sigma, national music fraternity and sorority. The winning organization was the one whose hungry representative ate three whole pies in the shortest time. Tech Club was the defending champion, but Delta Sigma Phi proved to be the fastest at eating the most this year.

Immediately prior to the game, the Miner Band performed "Stars and Stripes Forever," "The American Legion March" and "The Star Spangled Banner." During the national anthem, UMR's Pershing Rifles conducted the flag-raising ceremony.

Halftime activities featured a pro-

gram presented by the Miner Band conducted by Dr. David Oakley, associate professor of music. The Marching Miners performed 11 separate field formations while playing "Chester," "Washington's March," "America," "Across the Wide Missouri," and "The Battle Hymn of the Republic." A special feature of the program was "From Sea to Shining Sea" (an adaptation of "America the Beautiful") with the UMR chorus conducted by Bruce Chamberlain, instructor of music.

The band's finale was a special piece of ceremonial music played during the presentation of the 1975 Homecoming Queen.

Other student musical groups performed at homecoming functions during the weekend. The Drifters, UMR's dance band, played for alumni Friday evening at the social hour held at St. Pat's Church Recreation Hall. The UMR String Ensemble provided background music Saturday evening prior to the MSM-UMR Alumni Association Awards Banquet at the University Center.



**NEED EXTRA COPIES OF THE ALUMNUS OR CLASS REUNION PICTURES?
WRITE THE ALUMNI OFFICE, HARRIS HALL, ROLLA, MO. 65401**

Homecoming. . . .



MSM Alumnus



Homecoming Festivities. . .



Homecoming. . . .



MSM Alumnus

HOMECOMING





ABOUT REUNIONS

Successful reunions almost invariably are the result of one or more individuals in each honor class taking some time to encourage attendance and possibly planning an event especially for the Class. So, if you really want to see what happened to those Greek gods of yesteryear, now is the time to begin.

The Alumni Office, with several weeks lead time, will be happy to prepare Class Rosters, print copies of same, duplicate letters on your letterhead (or furnish standard type), address envelopes, pay postage, and handle routine correspondence.

HOMECOMING in Rolla is something special, and that's because of the efforts of alumni who care; so mark October 22 and 23, 1976, and see what we can do together.

Are you eligible to use this service? Yes, if you are a member of a Class ending in "1" or "6," an alumnus of more than fifty years, or someone who wants to get a running start for a future reunion.

**NEED EXTRA COPIES OF THE ALUMNUS OR CLASS REUNION PICTURES?
WRITE THE ALUMNI OFFICE, HARRIS HALL, ROLLA, MO. 65401**

We Are Gathered Here Together



50 Year Alumni



1925



1935



1960



1930



1940



1955



1965



Silver Miners
1950

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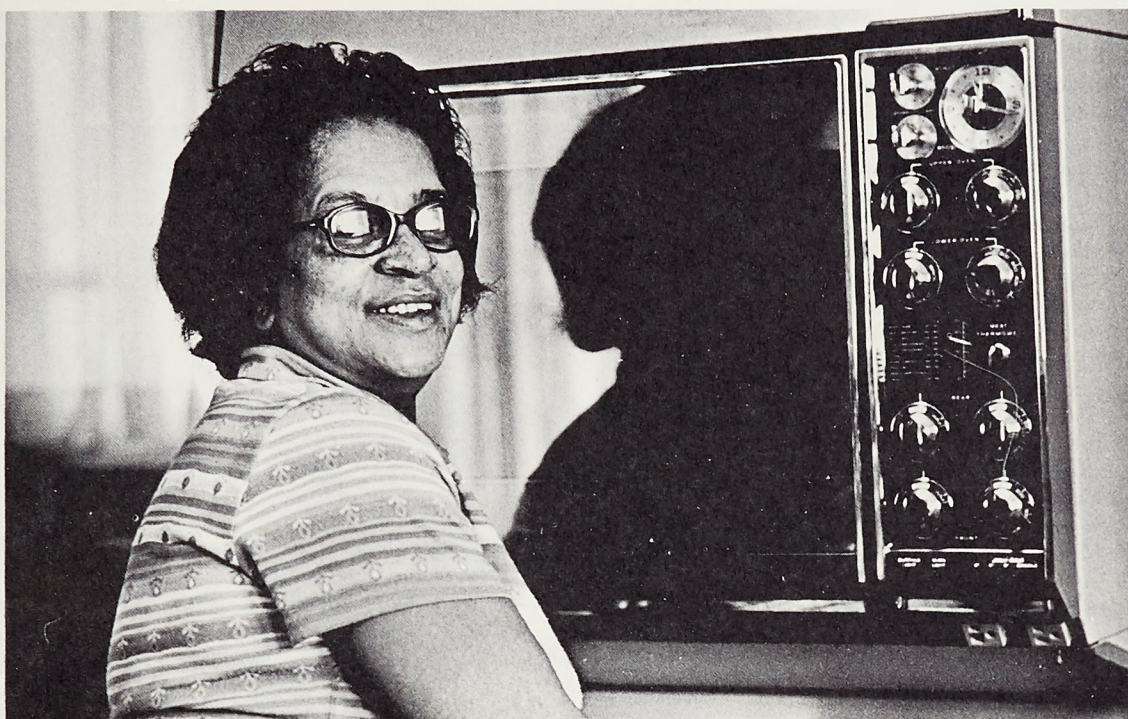
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MSM

Familiar Figure at Homecoming and Commencement



One of the first things Juanita Waters thought when she saw the Chancellor's Residence back in 1963, was "What a great place for hide and seek — when things get too busy, there are lots of places to hide and anyone looking for me can seek!"

For 12 years, Juanita has been housekeeper — in the truest sense of the word — of the four floors and 28 rooms of the building that was built in 1889. Over the years, many members of the University family, Rolla townspeople and guests of the University have had occasion to appreciate her friendliness and the good food she serves. Her hot ham-in-roll hors d'oeuvres are elegant and a local legend.

One of the things she enjoys most about her job is cooking. She produced the first dinner she ever cooked all on her own at the age of nine. "It was Sunday dinner for the family," she recalls. "And I fixed roast beef, corn pudding, green beans, corn sticks and a banana pudding for dessert."

It is a good thing she enjoys cooking, because most of the time she fixes five or six meals a day. Three meals for her family and two or three meals at the residence (she usually cooks breakfast at the residence only when there are guests.)

MSM Alumnus

"The chancellor is easy to cook for," she says. "He is particularly fond of fish and fruit — in any form and fixed any way." This is a real delight for Juanita because one of the other things she enjoys doing is fishing. She often supplies the catfish, trout and other fish she prepares for him from her own catch.

Entertaining at the residence is her particular forte. She is already planning for a morning reception for alumni at homecoming and for meetings to be held there by Coterie and UMR Dame's groups. Dr. Bisplinghoff occasionally has guests for lunch and, once in a while, colleagues visiting the campus to participate in conferences or seminars will stay at the residence.

"Of course, my job has been different this past year," Juanita says. "Things are bound to be more quiet in a household of one rather than three or four. But it is surprising how much needs to be done around this house — just to keep it up — no matter how many people live here."

Juanita and her husband, Tyrone (UMR painters' foreman), came to Rolla from Versailles, Ky. They have three children, who have all grown up and gone to school here. Son, Joe and his family (including grandson, Joe Jr.,

4) and daughter, Eleanor Middleton have moved back to Versailles. Daughter, Rosalind Kaiser and her husband (and granddaughter, Regina, 3) live in Dixon.

The Waters purchased their own home three years ago at 304 Vienna Road. Juanita spends a lot of her spare time on her garden and canning the produce. She put up more than 200 jars of vegetables this year, including a good supply of her own soup mix. Homemade soup is one of her specialties.

In addition to fishing, she and her husband also enjoy hunting. Juanita says she gets to go along when they hunt for rabbits and squirrel, but her husband doesn't want her out during the more dangerous deer season.

Vacations are usually spent with the family in Kentucky. "We normally have 40 to 50 relatives at home for Christmas dinner. We sometimes fix three turkeys," she says. "It's a long trip, though. Chancellor Bisplinghoff has been telling me I ought to try flying home. But I've never been in a plane and by the time you have to go to St. Louis to get a plane and sit around and all, it's probably about as quick to drive."

She may be right. We won't tell how long it takes her to drive that 570 plus miles — it might be incriminating.

Miners Emerge From Shaft

By E. C. Murphy, Assistant Director, Public Information Office

A long, frustrating football season came to a happy conclusion November 22, in Springfield, with a stunning 20-7 upset of arch-rival Southwest Missouri State.

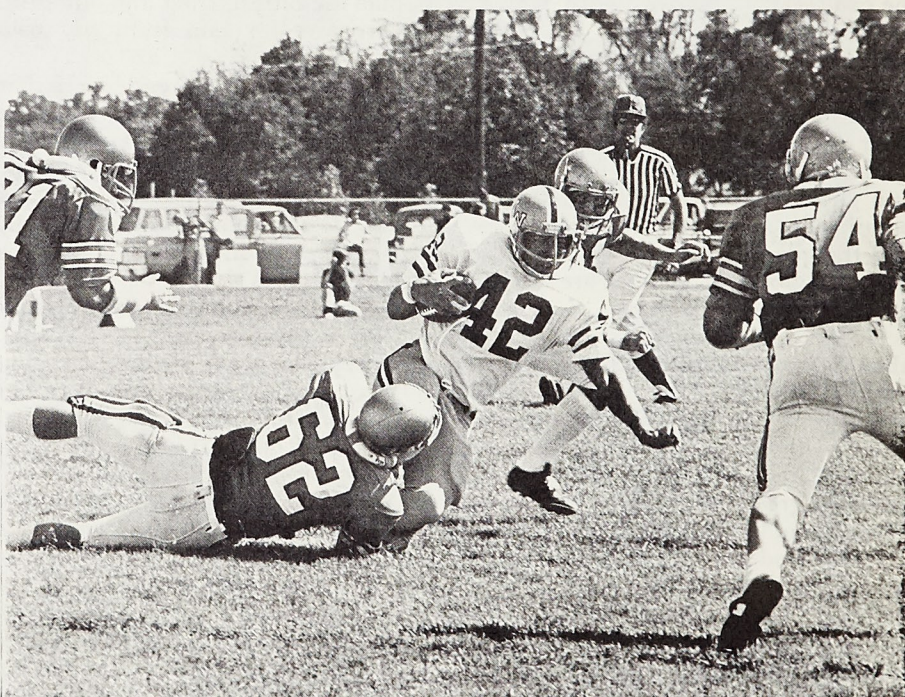
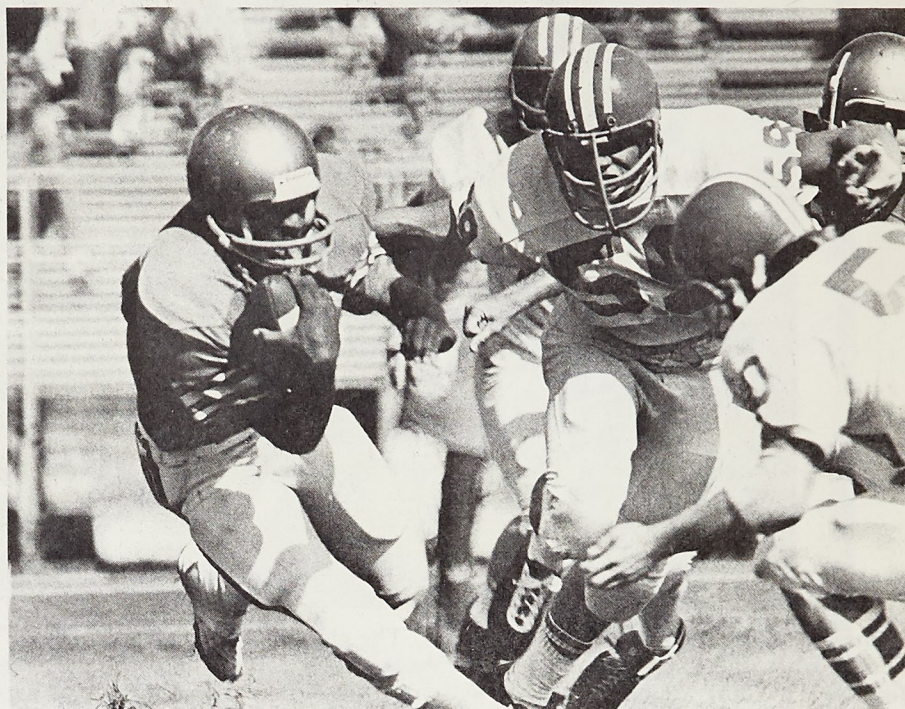
The bitter memories of interceptions, fumbles and blocked punts that seemed to snatch defeat from the jaws of victory week after week were erased in the final 60 minutes of the season as the Miners bowed out in the style they knew they had all along — winners.

The win ended a six-game losing streak and left the Miners with a 1-8-2 record. They were 1-5 in the conference. It was the first time all season that they were able to put everything together. The offense moved the ball well without costly turnovers. The defense shut down the MIAA's most productive offensive team. Players, coaches and fans have all year to think about the eight losses and two ties. But the memory of that one victory will ease the pain considerably.

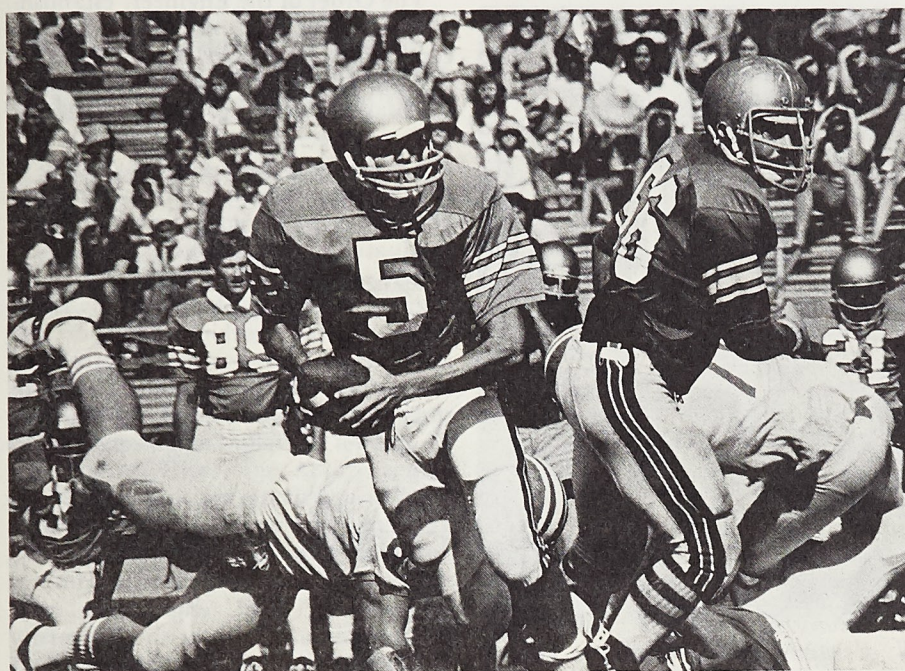
The Miners opened their season with a 28-14 loss to Missouri Valley in Rolla. Missouri Western came to town the following week and battled the Miners to a 14-14 deadlock. A new UMR running star was discovered in that game in freshman Steve Townsell. The 175-pound freshman from St. Louis gained 134 yards in the game and scored two touchdowns.

UMR's season began shaping up in the third game against Missouri Southern in Joplin. Townsell suffered a severe ankle sprain in the pre-game warmups and didn't see action. Then things got worse. Greg Haug, the Miners' all-conference quarterback, threw five interceptions in the game, one less than he threw in 232 passes all last season. The final score was 26-6, Southern.

The Miners failed to get into the win column for the fourth time and settled for a 20-20 tie against Kansas State College-Pittsburg. Freshman place kicker David Weaver, filling in for Mike Hobick, who was injured the week before, missed an extra point with four seconds remaining in the game. The Miners rallied for the tying touchdown going 80 yards in the last two minutes only to be frustrated with the missed kick.



MINERS (Cont.)



Haug threw a record 26 completions for 217 yards in the game. Wide receiver Stu Dunlop also tied a Miner record with 15 receptions.

UMR opened conference play on the road with a 17-0 loss to Southeast Missouri State. The Indians went on to capture the MIAA championship without sustaining a conference loss.

Haug and Dunlop both were injured in the Cape game and the Miners were never in the contest. The Indians scored on their second possession of the game and again midway through the second quarter. They iced the game with a 40-yard field goal in the third period.

Homecoming was dampened by a 26-6 defeat at the hands of Northeast Missouri State October 18. The Miners committed nine turnovers in the game as the offense could do nothing right. The only cause for alumni cheer came when junior defensive back Herb Herman picked off a Bulldog pass and returned it 52 yards for a touchdown.

The Miners almost matched the Homecoming debacle by committing eight turnovers in a 29-0 loss to Central Missouri State. The Mules had total command of the game from the beginning and the UMR offense again was unable to move the ball.

MSM Alumnus

In Jefferson City, the Miners' offense showed signs of awakening. They scored 26 points, but lost by two to Lincoln University. UMR opened a 16-0 lead in the first half, but saw it disappear as the Tigers scored on four big plays. Lincoln gained a 21-19 lead in the fourth period, but the Miners mounted a 70-yard drive to regain command. On the ensuing kickoff, Mike West of the Tigers returned the ball 80 yards to the UMR five. Lincoln scored two plays later to put the win away.

UMR took a break from conference action November 8, when it hosted Eastern Illinois. It was a tight defensive battle until late in the fourth quarter with the Miners leading 14-10. But Eastern blocked a punt and turned it into a touchdown to lead 17-14 with less than two minutes remaining. Finally, a desperation Haug pass was intercepted in the closing seconds which resulted in the final score.

In their next to last game of the year, the Bearcats of Maryville thrashed the Miners 28-7. The UMR offense again was ineffective getting only four first downs in the game and 131 yards in total offense. Townsell was the only bright spot for the Miners netting 111 yards rushing including a 74-yard

touchdown run. The freshman running back led the Miners in rushing this year with 608 yards although playing only six games.

So the 1975, football season was mainly one of frustration and disappointment. The coaches are out on the recruiting trail trying to replace departing talent and improve the team's weak points. Head coach Charlie Finley, while deeply disappointed in this season, is already looking forward to next.

"In some ways, all the injuries we had this year will make us a better team next year," Finley says. "We played a lot of people out of necessity and they'll be that much better for it next season. We have a good solid group of lettermen coming back and, if we can get some quality people in to help us, just might turn the whole thing around next year."

These Miners Improve

The UMR women's intercollegiate volleyball team ended its second season of competition by finishing fourth in the state tournament. The Miners improved on their sixth place finish of last year.

The tournament included teams placing first and second in three divisions in the state plus two at-large teams. The Miners played 14 games in the eight-team tournament and posted a 7-7 record.

"I was very pleased with the girls' performance," coach Annette Caruso says. "They played some of their best volleyball of the year."

UMR showed its inexperience in the tournament. "We would play good against the good clubs and then bad against the other teams," Coach Caruso says. For example, Stephens College won the championship with a 12-2 record and the Miners were one team that beat them.

Coach Caruso was generally pleased with the team's improvement during the season and believes it should be even better in its third season of competition.

The Miner girls currently are practicing for the opening of their intercollegiate basketball schedule January 20, against Evangel College in Rolla. They have a tentative 14-game schedule lined up before the state tournament February 20-21.

Academy of Civil Engineering . . .



Left to right, front row: V. B. Unsell, Vernon Jones, Carl Weis, Francis Lyons; up one step: Garth McKinney, then Joe Williamson, Jr., and Harold Butzer; second row: Bob Livingston, Harvey Leaver, Leon Hershkowitz, Ernst Weinel, Jim McGrath, Harley Ladd; third row: Paul Carlton, Pete Mattei, Joe Senne, Neil Stueck, Vernon A. C. Gevecker, Gene Daily, Pete Palmer; fourth row: John Soult and Roy Perry.

Eight civil engineering alumni of the University of Missouri - Rolla were inducted by the UMR Academy of Civil Engineers during the group's fourth annual meeting here November 14-15.

The Academy, an advisory group to the civil engineering department, recognized alumni for outstanding professional and civic contributions.

Induction ceremonies were Saturday, Nov. 15, in the Civil Engineering Auditorium. Dr. Melvin George, University of Missouri, vice president for academic affairs, was the speaker. The president of the Academy, Roy Perry '40, presided.

New members are:

Harold G. Butzer of 411 Schellridge Road, Jefferson City, president, Harold G. Butzer, Inc.

Vernon T. Jones of 4717 South Yorktown Place, Tulsa, president, Williams Pipeline Co.

Joel Loveridge of 739 Country Manor Lane, Creve Coeur, owner, Loveridge Engineering Sales Co.

Francis D. Lyons of 3037 Willowbrook Drive, Oklahoma City, Director of Trona Project, Kerr-McGee Chemical Corp.

G. G. McKinney of Route 2, Willow Springs, district engineer, District Nine, Missouri State Highway Department.

Carl J. Weis of 1536 Blue Bell Lane, Rock Hill, Senior Vice President, Bank Building and Equipment Co.

Joe Williamson Jr. of 6747 High Circle, St. Louis, Owner and Principal Engineer, Williamson and Associates.

V. B. Unsell of 2219 Mirabeau, Springfield, District Engineer, District Eight, Missouri State Highway Department.

During the two-day meeting, academy members served as visiting professors in civil engineering classes. Other activities included a business session, campus tours and conferences with civil engineering faculty members. New members and civil engineering faculty members with more than 15 years service were honored at a Friday evening dinner. The meeting closed after a luncheon at noon Saturday. Wives of academy members were guests at a luncheon Friday at the home of Mrs. Vernon Loesing.

The next meeting will be April 9, 1976.

Order of the Engineer

The Order of the Engineer, established at UMR in 1972, will have induction ceremonies December 9-10, 1975. Invited to join are December engineering graduates as well as graduate engineers. This engineering order is modeled on the Canadian "Ritual of the Calling of An Engineer" which for many years has been a part of the engineering student's graduation.

The symbol of membership is a stainless steel ring placed on the small finger of the working hand of the inductee as he repeats a creed of obligation which commits him to responsibility to himself as a professional and to his fellow engineers and to society.

Professor Honored

Dr. Ju-Chang (Howard) Huang, professor of civil engineering and environmental health at the University of Missouri - Rolla, recently received certification as a diplomate in the American Academy of Environmental Engineers. He is one of only 60 individuals in the nation to be so honored this year.

The academy is an organization sponsored by eight major technical and professional societies. A candidate's credentials for the designation diplomate must undergo a rigid and lengthy review by a specialty committee composed of members of each of the sponsoring organizations. In addition, the candidate must pass a written examination and personal interview before a qualified peer group.

Dr. Huang received his B.S. degree in civil engineering from the National Taiwan University and his M.S. and Ph.D. degrees from the University of Texas. He joined the UMR faculty in 1967. He received an American Society of Environmental Engineering/Ford Foundation Resident Fellow award in 1972, and spent the following year in Hawaii with a consulting engineering firm as an assistant to the vice president and chief sanitary engineer.

Dr. Huang has written 20 engineering reports covering various phases of sanitary engineering. He has also published some 30 technical papers in professional publications dealing with the general area of water pollution control.

December 1975

River Institute Formed

Dr. Raymond L. Bisplinghoff, chancellor of the University of Missouri - Rolla, announces the formation of the UMR Institute of River Studies effective Jan. 1, 1976.

"Formation of the institute is primarily a formalization of procedures, philosophy and personnel currently engaged in the direction of river studies by this campus," Chancellor Bisplinghoff says.

"In the past three years," he continues, "the UMR campus has directed detailed studies of both comprehensive and specific aspects of the Missouri River, the Arkansas and the Mississippi River. In view of current environmental and energy concerns, there appears to be a growing need for further studies of these and others of our inland waterways.

"We feel that this campus has proven its ability to perform such work successfully and the establishment of the institute simplifies and consolidates the administrative process of engaging in similar work in the future," he concludes.

Dr. Paul Munger, professor of civil engineering and director of the majority of the river studies undertaken during these past three years, has been named director of the institute by Chancellor Bisplinghoff.



Paul Munger

MSM Alumnus

Up to this point, research on the rivers has resulted in: a base line study of the Missouri River from Rulo, Neb., to its mouth near St. Louis; a study of sediment load and distribution in the Missouri River; an assessment of a chlorine control project on the Arkansas River; a collection of certain information about the Missouri River to be stored and used in the future through the use of computers, and — at the present time — studies of historical and current information about certain aspects of the Mississippi River from Alton, Ill., to the Gulf of Mexico.

The research has been funded, so far, by the U.S. Corps of Engineers in the amount of slightly more than one million dollars. The information is used by the various corps districts in filing the necessary EPA statements and in planning future work on the rivers.

Each project is divided into areas of study necessary to obtain the required information. Capable personnel are chosen to head teams consisting of faculty, graduate and undergraduate students who do the research work. Finally, a group of experts compiles and evaluates the collected information and writes the report.

"Most of the studies requested have centered around engineering aspects of the river," Dr. Munger explains. "However, when capabilities in certain disciplines were not available on the Rolla campus, we have called on personnel at the other University of Missouri campuses and even other universities and colleges. The work has been and will continue to be interdisciplinary, inter-campus and inter-institution in nature."

Areas of expertise necessary to accomplish the work on river studies includes the following fields: general water supply engineering, aquatic biology, water quality, terrestrial biology, fisheries, recreation, remote sensors, geology and geological engineering, thermal pollution, sociology, economics, archeology, instrumentation, computer science, engineering technology and mathematical modeling (including water quality models and hydraulic models.)

"We don't expect the institute to require any additional University fund-

ing," Dr. Munger states. "It will operate on monies generated from external sources.

"We look upon establishment of the institute as a means of facilitating the coordination of administrative factors involved in the river study projects. We also feel that it is a more efficient way for UMR to handle increasingly complicated demands for information to help solve the increasingly complicated problems of the modern world," he concludes.

Director to Move



Roy Perry

Roy Perry, '40, Director at Large of the MSM-UMR Alumni Association, has announced his resignation as General Manager of the Port of Tacoma effective January 31, 1976. Perry has been with the Port since 1964 and the Chairman of the Port Authority, Robert Early, praised Perry for his leadership in bringing the Port from "near-obscure" to second place on the West Coast. Tacoma is second only to the combined tonnage of Los Angeles and Long Beach. Roy was named Puget Sound Maritime Man of the Year in 1974.

Perry is leaving the Pacific Northwest to become President of Fruco International, an engineering and construction company based in Houston, Texas. Fruco is affiliated with Fruin Colon of St. Louis.

Executive Vice President Named



Mackaman and Ratchford.

President R. M. Brackbill, MSM-UMR Alumni Association, announced today the appointment of Frank Mackaman as Executive Vice President of the corporation. The appointment was authorized by the Board of Directors and recognizes Mackaman's position with the Association. Mackaman continues in his university assignment as Director, Alumni Activities, University of Missouri - Rolla.

AIChE Honored

For the sixth consecutive year, the American Institute of Chemical Engineers (AIChE) has conferred its "Award of Excellence" on the organization's student chapter at the University of Missouri - Rolla.

The UMR chapter is one of 130 student chapters established at universities throughout the United States.

The award is based on the group's membership and activities during the 1974-75 academic year. Although announcement of the winner is made this fall, presentation of the actual award will occur at a chapter meeting next spring. Don Bugg, Dow Chemical Co. and chairman of the AIChE Student Chapters Committee, will make the presentation.

Students serving as president of the UMR chapter during the 1974-75 year were Robert H. Birk, 311 W. Adams St., Jackson and David K. Denner, 9836 Arranmore, St. Louis. Both are seniors in chemical engineering. Dr. Harvey Grice, professor of chemical engineering, is chapter adviser.

The Association, incorporated in 1947, had but one fulltime professional staff member, the late Francis Edwards, until Mackaman joined the university and Association staff in 1968 as Field Secretary. He was promoted to Director in 1971 and has served as chief staff officer for the Association since that time. His responsibilities will continue to include editorship of the *MSM ALUMNUS*, the Annual Alumni Fund, on and off campus alumni activities and functions, and management of the Association's budget under the direction of the officers and directors of the Association which are elected by the membership.

Mackaman, who came to the University of Missouri - Rolla from Drake University where he had been Director of Alumni Activities, has seen Association membership grow each year and funding increase 55% since 1971. Student aid has been increased 410%. Major accomplishments of recent years would include the Alumni-Student-Faculty Conference, the computerization of alumni records, the Educational Assistant Program, the expanded Awards program and the adoption of the new Constitution and By-Laws.

Mackaman and his wife Nancy are known to hundreds of alumni through their attendance at area meetings as well as Homecoming and Commencement. They are parents of three sons, all university students.

Section News

The second meeting of the Florida West Coast Section was held on November 21, 1975, at the Ramada Inn, St. Petersburg, and those present enjoyed a really delicious buffet dinner.

Don Feaster, '59, Executive Director of the Southwest Florida Water Management District, gave an extremely interesting talk on water management for the Central West Coast. One of his main points was that they are a state agency trying to get some ten (10) counties to cooperate and share their water with each other. This would seem to be an almost impossible job, particularly when you have one county with the highest population density and no water and the other counties have lower or low density and lots of water.

Present were: Mr. & Mrs. Don Feaster '59, Mr. & Mrs. Jim Dollar '68,

Mr. & Mrs. Elmer Tomlinson '32, Mr. & Mrs. B. Hamilton Moore '23, Mr. & Mrs. George Dierking '24, Mr. & Mrs. David Lester '72, Mr. & Mrs. Henry E. Diers '22, Mr. & Mrs. Belding McCurdy '38, and Mr. & Mrs. John K. Olsen '42.

Those present wish to organize a phone follow-up for the invitations which will be mailed for the spring meeting and volunteers are being sought by John K. Olsen, 4494 Trout Drive, SE; St. Petersburg, FL 33705. At the spring meeting David Lester, '72, will present a program on air, water, and land pollution. Mr. Lester is an Environmental Engineer and operates his own company out of Winter Haven, FL, specializing in pollution control, primarily to the citrus and phosphate industries as well as municipal waste disposal systems.

Cincinnati-Dayton

On November 12, 1975, the Cincinnati-Dayton Section held their annual winter meeting and invited those attending the American Society of Metals meeting to join them. The group gathered at the Edwards Manufacturing Co., Inc. Board Room for pre-dinner cocktails and a delicious dinner. Larry Boberschmidt, '66, presided. The early magic was performed by guest speaker Dean Ted Planje, '40, of UMR's School of Mines and Metallurgy. The later magic was performed by a strolling law student. Dean Planje alerted the guests to the efforts being exerted in energy and mineral research, with the water-jet drilling technique capturing especial interest.

Present were: Jay Jones '71 and Marilyn, Tom '69 and Judy Zenge, Russ '62 and Laura Kamper, Al '69 and Sheila Wansing, Charles Myers '58, David J. Michel '64, Hilbert F. Michel '36, James H. Michel '70, Frank and Nancy Mackaman, Ted '40 and Miriam Planje, Larry '66 and Joyce Boberschmidt, Tom '63 and Kay DeWitt, George '41, and Luvenia Pace, Will '32 and Jan Brewer, Bob '51 and Bev Shields, Joe '69 and Gaye Moore, Ron '70 and Sue Hampel, and David Lupberger '70.

Again, the Cincinnati-Dayton political bosses displayed their machinations and as a result, Russ Kamper, '62, was named president and Joe Moore, '69, treasurer. This means that Russ is now treasurer of the Pittsburgh Section as well as the president in Ohio.

SECTION NEWS (Cont.)

Tulsa

The Tulsa Tribe gathered high up in the Fourth National Bank Building at the Summit Club for the November 20, luncheon meeting of the Section. Those who gathered heard from Howard Eloee, Director of Development at UMR. He briefed the group on the plans underway to extend the effort to seek financial support for the campus from non-tax funds. A campaign is being planned for an extended period to bring substantial funds to the areas with critical needs.

Those present were: Mark Pickell '73, Harley Ladd '40, Ralph Barnett '70, Lynn Calton '70, Douglas Dallmer '60, Vernon Jones '53, Ted Spalding '69, Bruce Galbierz '75, Harold Weinland '53, Roy Wilkins '66, Ron Tracy '69, Joe Wanenmacher '23, George Leck '61, Rich Mueller '62, Dave Kick '57, Herman Fritschen '51, Gene Veale '42, and Charles McCaw '62.

Comments ranged beyond those normally connected with a campaign, perhaps, for some were heard about the endowment of the bartenderess.

Bartlesville- Southern California

On October 11, 1975, an unknown number of Miners gathered for various constructive purposes in Bartlesville, Oklahoma, and Long Beach, California. The occasions were: 1) the Annual Fall Barbeque with the Bartlesville Section held at the ranch of Henry Hackmuth, Route 3, Bartlesville. According to the reservation form, a map was necessary to locate the food and the joy-juice. No report has been received on the effects of the latter. According to Director Hans Schmoldt, it was a great party and a beautiful day out; and 2) the Long Beach alumni were gathering at the Yacht Club to enjoy a meal featuring the London Broil. Since John and Phyllis Wilms were in Hawaii, Ted Weissmann was the chairman for the meeting. The program featured movies of the Apollo Soyuz Mission. Reports are, it was an excellent meeting and the next is scheduled for Saturday, February 28.

MSM Alumnus

Ark-La-Tex

The Fall meeting of the Ark-La-Tex Section of the MSM-UMR Alumni Association was held on November 8, 1975, in the Petroleum Club of Shreveport, Louisiana. Several guests were present including: Mr. and Mrs. Ragan Ford's daughter Barbara and her husband Dick Taylor; Mr. and Mrs. John Livingston's son John and his wife Liz; Dennis's parents Francis and Alleen Jaggi; Adrian and Jean Daane and Frank and Nancy Mackaman, who all flew in from Rolla.

Following the ever present "Social Hour, and a half" everyone sat down to a prime rib dinner, which is the specialty of the petroleum club. The meeting was opened by President John Moscari and the minutes of the last meeting were read and approved.

The tentative dates for next years' meetings were voted on and are as follows: February 7, May 15, August 7, and November 6, 1976. After that we had a brief, but lively, discussion on our mailing procedures. Frank Mackaman then gave a report on the Alumni Association and the work it is doing.

The meeting was then turned over to Adrian Daane, the Dean of the College of Arts and Sciences at Rolla, who gave an interesting presentation entitled "What's the Matter with Matter." He demonstrated how some materials behave differently at cryogenic temperatures and the change of state from gas to liquid.

There being no further business, the meeting was adjourned.

Dennis F. Jaggi
Secretary-Treasurer

Present at the Ark-La-Tex Meeting were: Mr. and Mrs. Ragan Ford, Mr. & Mrs. Bill Mays, Mr. & Mrs. Tom English, Mr. & Mrs. James Forgotson, Mr. & Mrs. Phil Browning, Mr. & Mrs. Walt Mulyca, Mr. & Mrs. Gerald Roberts, Mr. & Mrs. Kevil Crider, Mr. & Mrs. David Flesh, Mr. & Mrs. Jack McBrayer, Mr. & Mrs. John Moscari, Mr. & Mrs. Chuck McGaughey, Mr. & Mrs. Frank Mackaman, Mr. & Mrs. Adrian Daane, Mr. & Mrs. John Livingston, Mr. & Mrs. John Livingston, Jr., Mr. & Mrs. Dick Taylor, Mr. & Mrs. Gary Thompson, Mr. & Mrs. Francis Jaggi and Mr. & Mrs. Dennis Jaggi.

Alumni Meetings

EAST CENTRAL FLORIDA SECTION

JANUARY 9 or 16
Orlando

ARK-LA-TEX

FEBRUARY 7
MAY 15
AUGUST 7
NOVEMBER 6

Locations to be announced

NORTHWEST SECTION

FEBRUARY 20 or 21
Tacoma or Seattle

AIME

FEBRUARY 22 or 23
Las Vegas

DETROIT SECTION

Society of Automotive Engineers
FEBRUARY 22-25

ALUMNI ALLIANCE

FEBRUARY 24
Jefferson City

SOUTHERN CALIFORNIA

FEBRUARY 28
Los Angeles or Long Beach

ARIZONA SECTION

LATE FEBRUARY
Phoenix

ALUMNI-STUDENT-FACULTY

CONFERENCE

APRIL 8-9
Rolla

ACADEMY OF CIVIL ENGINEERS

APRIL 9
Rolla

SEMI-ANNUAL MEETING

MSM-UMR Alumni Association
Board

APRIL 10
Rolla

TULSA SECTION

MAY 1
Summit Club
Tulsa

CLASS OF 1926

MAY 8-9
Banquet & Commencement
Rolla

ALUMNI ALLIANCE

MAY 21-22
Rolla

ROTC, Concern Deepens

An article entitled "ROTC Concern", which appeared in the April 1974 edition of this magazine, painted a rather gloomy picture of the status of both the UMR Army and Air Force ROTC programs at that time. What has happened since then? Need an alumnus be concerned? If you are concerned — and you should be — what can you do to help?

We've got some good news and some bad news. First, the good news. Since April 1974, the previous trend of declining university enrollment has apparently been reversed, and low enrollment has bottomed out. Now, the bad news. The ROTC enrollment is still not large enough to produce enough officers to make either of the ROTC programs viable. Both units are now in evaluation status, which in essence means that, if they do not significantly increase their numbers immediately so that each can commission 15 to 17 officers per year, they face closure in the very near future. If the ROTC units should close, UMR will lose many of the ROTC students who last year received direct financial benefits totaling about \$150,000. Much of this money was in the form of fees paid under ROTC scholarships to UMR. In addition to the loss of ROTC scholarship students and the associated financial aid, UMR will also end its long tradition of producing highly trained officers for the military.

If you as an alumnus think that UMR can afford to give up the tradition, students, and financial support associated with the ROTC programs you need not be concerned about their status. If you are concerned, do more than just sympathize — become involved! Encourage your sons, daughters, and their friends to look into ROTC at UMR. When you speak to young people about UMR, also mention its ROTC programs. The challenges presented to young Army and Air Force officers today are unparalleled, and the rewards exciting.

Many students miss their opportunity largely through ignorance of the existence, purpose, and rewards of the programs. Do your part for UMR, and be more than just concerned — help!

Halliburton Annual Gift. . .

A gift of \$10,000 has been received by the University of Missouri - Rolla from the Halliburton Education Foundation, Dallas, Texas, for the 1975-76 academic year.

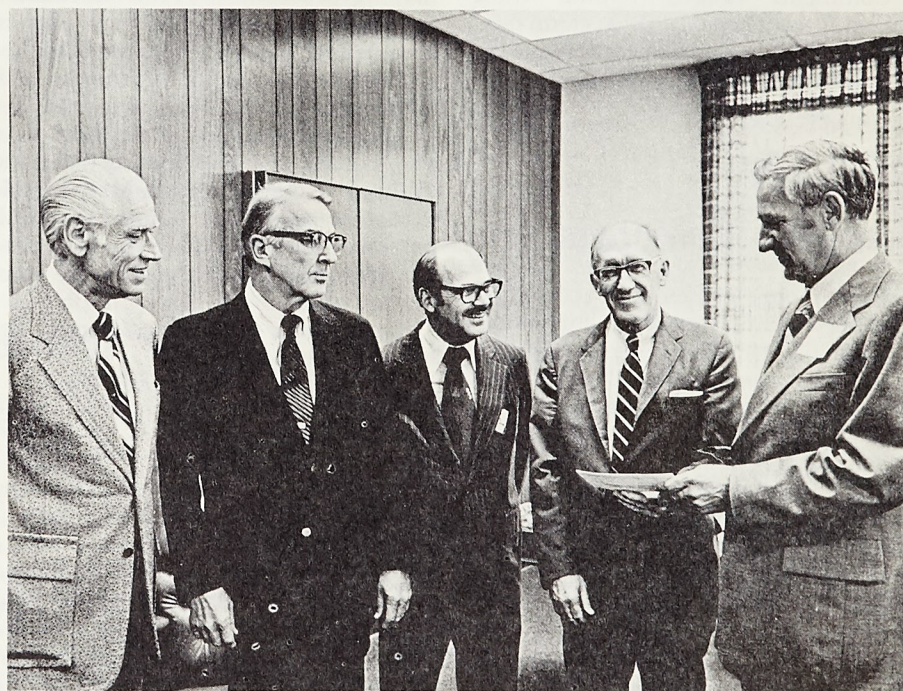
This is the third year Halliburton has made a similar gift to UMR. John P. Harbin, president of the foundation and chairman of the board of Halliburton Co., said, "These grants are intended primarily to assist in developing and maintaining teaching excellence in technical fields by providing salary supplements, incentive bonuses and support of professional activities for faculty members. We are pleased to contribute to the educational efforts which will assist in meeting the future scientific and engineering needs of this country."

Roy T. Clayton, assistant division

manager of the Oklahoma Division of Halliburton Services at Oklahoma City and an alumnus of UMR, made the check presentation at recent ceremonies on campus.

The \$10,000 donation will be divided among the chemical engineering, petroleum engineering and mechanical engineering departments.

Halliburton Services, Brown & Root, and Otis Engineering are operating units of Halliburton Co., Dallas-based international oil field services and engineering/construction organization. Other Halliburton companies include IMCO Services and Welx in Houston. Through its operating units employing more than 65,000 people, Halliburton Co., is serving the energy industries in more than 80 countries throughout the world.



Roy T. Clayton, right, Assistant Division Manager of Halliburton Services, hands a check for \$10,000 to University of Missouri - Rolla, Chancellor Raymond L. Bisplinghoff, second from right, from the Halliburton Education Foundation. Attending the presentation ceremonies are, left to right, Dr. T. J. Planje, Dean of UMR's School of Mines and Metallurgy; Professor John Govier, Head of Petroleum Engineering, and Robert Brackbill, Executive Vice President of Texas Pacific Oil Co. and President of the MSM-UMR Alumni Association.

Development News . . .

UMR is presently well into an informational program preparatory to a national fund raising campaign.

In announcing the campaign, Chancellor Raymond L. Bisplinghoff said that the immediate objective is a first-step goal of raising \$5 million over a three-year period. These funds will be used to supplement and complement state appropriations, fees, grants, and contracts. The money will be earmarked for providing quality instruction to competent students via student aid, library acquisitions, and departmental renewal.

Chancellor Bisplinghoff has appointed Professor Bernard R. Sarchet to direct this program, giving him the title of executive director of external affairs. In this capacity Sarchet has line responsibility for the existing offices of alumni, development, and public information.

"We are building our case for private support on our being one of the key sources of problem solvers for this nation," Sarchet explains. "Because of its unique combination of educational offerings in thirteen different areas related to energy and mineral resources, UMR is in an outstanding position to provide a great service to this nation in the years immediately ahead. Since our major national problems are sure to be in the areas of energy, mineral resources and the environment, UMR graduates can make a valuable contribution to the industrial community."

Presently the campaign calls for informing key industrial leaders of the capability of UMR to provide these problem solvers. Informational meetings will be held in St. Louis and Kansas City as well as other major cities throughout the United States. Following these efforts, the information base will be broadened to other key industrial executives, business leaders, foundations, alumni, and friends.

Campaign activities will be initiated early next year.

"We feel that the immediate goal of \$5 million, as well as the long range goal of \$18 million, represents minimum needs for the Rolla campus," Sarchet continues. "If we are going to continue to provide highly qualified graduates to meet the societal needs for adequate

energy, essential food, natural resources, and an acceptable environment in the decade ahead, then we must have this additional support from the private sector."

In addition to this new assignment, Professor Sarchet is continuing with his other responsibilities as chairman of UMR's Engineering Management Department.

Sarchet came to Rolla in 1967, after twenty-six years in various management positions with Koppers Com-

pany, Inc. He founded UMR's Department of Engineering Management, which in eight years has graduated 1,197 students at the bachelor's and master's levels. The department has taken a position of national leadership among those institutions offering degrees of this type.

Professor Sarchet holds degrees in chemical engineering from the Ohio State University and the University of Delaware. He has also taken advanced management work at the Harvard Business School.

Association Increases Gifts . . .



MSM-UMR Alumni Association President R. M. Brackbill delivers checks totaling \$12,000 to Chancellor Bisplinghoff as the first semester contribution for student support on campus.

LIKE TO HAVE THE MSM ALUMNUS EVERY OTHER MONTH? IT'S EASY, USE THE FORM ON THE BACK COVER TO FORWARD YOUR GIFT TO THE 1976 ANNUAL ALUMNI FUND. IF YOU DON'T HAVE THE 1975 DIRECTORY, IT WILL BE SENT AS SOON AS YOUR GIFT IS RECEIVED.

MSM Alumnus

1976 Homecoming Notice

Nineteen hundred and seventy-five was the biggest Homecoming yet! So, plans are being developed to make 1976 more of the same. The dates have been set early, so you can get it on your calender now. October 22-23 will be busy days in Rolla. Probably the most far out idea to tie this Homecoming to the Bi-Centennial is that of the Class of 1938. The 38's will celebrate their 38th Reunion and if you half the 38 and add it to 38 doubled look what you have!

The two weeks before Homecoming

this year were frantic as far as rooms were concerned. We have an unconfirmed report that some were commuting from Lebanon; we know that St. James was full and Leo Sullentrop had accommodations in Salem. A list of motels follows, and you would do well to clip and have handy as the Homecoming date approaches.

Reunion Classes will be those where the year ends in 6 or 1, and all who graduated fifty or more years ago. The 1925 Class, which had their 50th

celebration at Commencement, returned in good numbers for Homecoming and were pleasantly conspicuous with their Hickory Canes and '25 pennants. You will notice in their Class Picture elsewhere in the *ALUMNUS* that these hardy gallants handed their canes to their charming consorts for the picture taking.

Please be assured that you have a most cordial invitation from your University and from the MSM-UMR Alumni Association to attend the gala, October 22-23, 1976.

Coachlight "Best Western" Inn, Martin Springs Dr.....	341-2511
Edwin Long Hotel, 8th & Pine.....	364-1862
** Holiday Inn, Martin Springs Dr.....	364-5200
Howard Johnson's Motor Lodge, I-44 & Bus. I-44 W.....	364-7111
Interstate Motel, Martin Springs Dr.....	341-2158
Little Piney Motor Lodge, Hwy. 63 North.....	364-2161
Manor Inn, Hwy. I-44 & 63.....	364-1575
New Grande Motel, 1201 Hwy. 63 North.....	364-1335
Nod-a-Way Motel, Hwy. 63 North.....	364-7445
Norman Dee Inn Motel, Bus. I-44 West.....	364-4156
Rolla Rancho Motel, Martin Springs Dr.....	364-4509
Rustic Motel, Hwy. 63 South.....	364-6943
Sixty Three Motel, Northwye.....	364-1827
Wayfarer Inn, Martin Springs Dr.....	364-5454
Zeno's Motel, Martin Springs Dr.....	364-1301

** Headquarters for the Class of 1951. Reunion and class members will be given preference.

EXTENSION NEWS

Here's a list of some of the extension short courses and conferences scheduled by UMR faculty and the extension division. Where titles are not self explanatory you may call for more detailed information including costs. Call "Extension Coordinator," 314/341-4201 or (4202). Written requests should be addressed to Walter Ries, UMR Extension Division, University of Missouri - Rolla, Rolla, Missouri 65401.

PROGRAM NAME	Location	Dates
Groundwater Analysis and Dewatering	St. Louis, Mo.	Jan. 12-17, 1976
23rd Short Course for Painting Contractors,	Rolla, Mo.	Jan. 19-23, 1976
32nd Introduction to Paint Coatings Composition	Rolla, Mo.	Jan. 26-30, 1976
8th Fundamentals of Shallow Foundations	Rolla, Mo.	Jan. 26-31, 1976
4th Short Course for Paint Inspectors and Quality Controllers	Rolla, Mo.	Feb. 2-6, 1976
26th Advanced Chemical Coatings Workshop	Rolla, Mo.	Feb. 9-13, 1976
Opportunities: Women in Management	Columbia, Mo.	April 20-21, 1976
Optimum Structural Design Short Course	Rolla, Mo.	April 26-30, 1976
Power Apparatus Testing Techniques	Centralia, Mo.	April 26-30, 1976
Underground Electrical Distribution	Springfield, Mo.	May 3-6, 1976
Quality Geotechnical Technology	Rolla, Mo.	May 10-14, 1976
Digital Computing Institute for High School Students	Rolla, Mo.	June 13-18, 1976
Earthquake Structural Engineering Symposium	St. Louis, Mo.	Aug. 23-25, 1976
		December 1975

Pi Kappa Alpha Chapter and Member Honored

The University of Missouri - Rolla chapter of Pi Kappa Alpha has been named the "Outstanding Chapter" of its international fraternity for the 1974-75 academic year.

This is the sixth time in its 70 years at UMR that the local group has received this honor. It is the only one of approximately 160 chapters to win the award that many times.

The honor, known as the Smythe Award, is based on overall chapter proficiency. UMR's chapter was cited, in particular, for outstanding scholarship, rush and individual leadership.

On UMR's list of grade point averages for fraternities, PiKA ranked 1st for the fall semester, 1974, and 4th for spring semester, 1975. The number of men pledged during the fall semester was 62 percent greater than the previous fall.

The chapter uses leadership programs throughout the members' undergraduate years to cultivate individual leadership qualities and encourages participation by the members in other student organizations.

Bob Fleischman, PiKA vice president and senior in metallurgical engineering, says, "The receipt of this award and those of other UMR fraternities, is a great reflection on the atmosphere that the University provides the student who wishes to apply himself to various aspects of involvement."

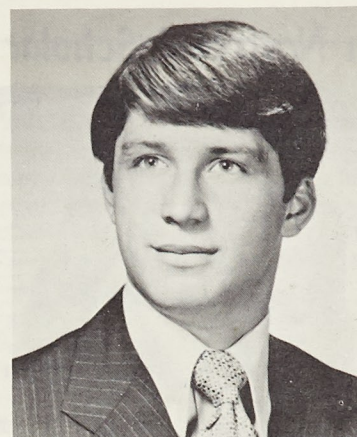
David J. Wisch, 1210 Edgewood, Jefferson City, has been named an "Outstanding Undergraduate Student for 1974-75" by his national fraternity, Pi Kappa Alpha.

A member of the Phi Kappa Alpha chapter at the University of Missouri - Rolla, Wisch was one of six individuals chosen for the "Powers Award" from among approximately 7,500 active members of the national group. He is the fifth UMR chapter member to receive the honor since the award was initiated in 1962.

This award is given to recognize undergraduate members of the fraternity for leadership and scholastic contributions to their campus and to the local chapter.

Wisch's qualifications include terms as president, treasurer and house corporation vice-president for PiKA at UMR. He has been an active member of many campus organizations including M-Club, Blue Key, Tau Beta Pi and Theta Tau. His honors include IFC Man of the Year, recipient of the M-Club's Gale Bullman award, Outstanding Undergraduate of the local PiKA chapter and he is listed in Who's Who in American Colleges and Universities.

Wisch received his B.S. degree in civil engineering last May and is currently working toward a master's degree at UMR in the same field.



Dave Wisch '75

Job Opportunities

For information concerning positions listed below, please contact Mr. Larry Nuss, Director of Industrial Relations, UMR, Rolla, Missouri 65401, giving File Number of the position, state your degree, discipline and month and year of your graduation.

Regarding the listings that follow, during times of high activity in the employment market, some positions will be filled before they are published. The Placement Office will make a search for similar positions that may be open if you enclose your resume with your inquiry.

- 826 Upper Midwest, food processor, Chem, Chem Eng, ME, EE, and Researchers.
- 828 Florida, ocean oriented company, MS, disciplines should include strength, stress and shell theory.
- 829 Pennsylvania, Electrical maintenance, Quality control, experienced, cement glass background.
- 830 GSA experimental opportunity, construction.
- 831 BSME, 4 yrs. plant design and maintenance, utilities. Manufacturer.
- 832 BSCh.E. 2+ yrs. experience in plastic polymer.
- 833 Upper midwest, major manufacturing, multi-openings and disciplines. All need experience.
- 835 BS Mining 5-10 yrs. experience, coal exploration.

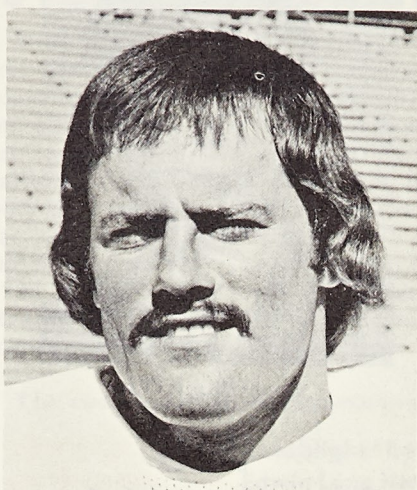
Corporate Gift



Norman C. Haas (2nd from left), Lecom Star Route, Rolla, is the recipient of a one-year scholarship at UMR, provided by Cominco American Inc. and Dresser Minerals Division of Dresser Industries, Inc. A. J. W. Schwandt, Cominco American's manager of Magmont Operations, Bixby, presented the scholarship to Haas in behalf of both companies. Dr. Ernest Spokes (left) head of mining engineering at UMR and Dr. T. J. Planje (right), dean of the School of Mines and Metallurgy, participated in the ceremony.

MSM Alumnus

Van Nostrand Scholar



Ed Lueckenhoff

Edward Lueckenhoff, of 8912 E. 52nd St., Kansas City, is the first recipient of the Burr Van Nostrand Memorial Scholarship at the University of Missouri - Rolla.

Lueckenhoff, a pre-law senior majoring in psychology, plays defensive end on the Miner football team. He also received the Curators University Scholar award for outstanding scholarship.

The Van Nostrand scholarship was established in memory of the UMR coach by his widow, Joye Van Nostrand, who died in 1974, was director of intramural athletics for many years and also served as assistant football coach and swimming coach.

Associate Dean Honored

Anton D. Brasunas, Associate Dean of Engineering and Director of the St. Louis graduate engineering center of the University of Missouri - Rolla, has been elected a Fellow of the American Society for Metals. Brasunas, a 30-year member of the society, was one of 42 of the societies 40,000 members honored in November in Cincinnati. His award is in recognition of "distinguished contributions in the field of metals and materials." Brasunas is mid-central regional director of the U.S. Metric Association, an active member of the Engineers' Club of St. Louis and a member of the Technical Advisory Committee of the St. Louis Regional Commerce and Growth Association. His address is 8030 Daytona Drive, Clayton, MO 63105.

Past Director Honored

C. J. "Jack" Potter, Chairman of Rochester & Pittsburgh Coal Company and a former director and a life member of the MSM-UMR Alumni Association was awarded the Erskine Ramsay Medal by the AIME. This Medal recognizes distinguished achievement in mining both bituminous coal and anthracite. Jack also was named a Distinguished Member of the Society of Mining Engineers of the AIME at the SME Fall Meeting in September. This is a new classification designed to honor individuals who achieve distinction worthy of special recognition by the Society. Among others honored were Andrew Fletcher, '49, Joseph H. Reid, '27 and Gill Montgomery, '35.

**RECOMMEND
UMR
TO
PROSPECTIVE STUDENTS**

Alumni Personals

**HOMEcoming
1976
OCTOBER 22-23
REUNIONS**

**1926 AND BEFORE
1931, 1936, 1941,
1946, 1951, 1956,
1961, 1966 & 1971**

1907

Aubrey Fellows celebrated his 90th birthday on August 21, 1975. He has recorded 302 hours of memories and other material and expects to do some more. Mr. Fellows lives at 103 W. 6th St., Salisbury, MO 65281.

1912

The alumni office has been notified that James Lawton Keelyn died in 1971.

1925

Fred Matlack, Box 1115, Nederland, TX 77627 says: "Hi Miners, sorry to let the 1925 Class down, but didn't make either one, May or October..."

1930

Henry O. Scheer, 2005 Dial Court, Springfield, IL 62704, retired in 1970 and is taking it easy due to a heart condition which developed last year.

1931

E. R. Epperson, of Sheridan Road, Box 22, Houghton, MI 49931, retired May 1975, after 33 years on the chemical engineering faculty of Michigan Technological University.

Adolph Baron, P.O. Box 935, Poplar Bluff, MO 63901, reports he retired on December 31, 1974. This is a new address for Adolph and Bess.

Frank Wenger, Chairman of the Board, Emeritus, Russell & Axon Consulting Engineers, Inc., was killed when struck by an auto November 20, 1975, in Ormand Beach, FL. Mr. Wenger is survived by his widow, two daughters, a stepdaughter and a stepson, their children and a brother.

1933

Raymond W. Borchers and his wife, Virginia, are enjoying their new home and 200 acre farm in the Ozarks. Mr. Borchers retired from the Air Defense Command in Colorado Springs in April 1973, and moved to Happy Hill Farm on State Highway D, Thornfield, MO 65762.

1934

Oscar M. Duncan, 307 Audubon Dr., Mt. Vernon, IN 47620, recently retired after 30 years as chief chemist of the Farm Bureau Refinery Coop. of Mt. Vernon. A member of numerous professional societies, he has also been active in church and civic affairs. He is married to Gladys Hawkins Duncan, sister of Irvin Hawkins with the USGS in Rolla. The Duncans have six children and 12 grandchildren.

1937

Walter F. Breuer, of 918 Regency Parkway, Apt. 101, Omaha, NE 68114, has retired from the Corps of Engrs., Mo. River Division, Omaha, after 36 years. The last four years he was chief, Technical Engineering Branch.

December 1975

**1938 CLASS WILL
HAVE 38TH REUNION
IN 1976 (38 + 38)**

1939

William Philip Young has retired and is now doing consulting work on metallurgy. His address is 419 S. Edgewood Ave.; LaGrange, IL 60525.

1941

George Pace, 7089 Paddison Rd., Cincinnati, OH 45730 has been elected to a 3 year term to the Board of Directors of the Engineering Society of Cincinnati.

Floyd P. Smith has had the opportunity to travel all over the world in his position as vice president of Hood Corporation. He has made several trips to Iran, where the company has a large job, and has been to India, New Zealand, Australia and Brazil. He and his wife, Ellen, also managed to squeeze in a non-business trip to Guatemala recently. His home address is 751 El Mirador Drive, Fullerton, CA 92635.

1942

Harold W. Haas is working on the North Sea Eko Fisk Project for Phillips Petroleum Co.-Norway. He is a senior process engineer. His mailing address is c/o Phillips Pet. Co.-Norway; P.O. Box 69; 4001 Stavanger; NORWAY.

1943

Pat Quinn, 77-7th Ave., New York, NY 10011, reports his younger son Mike will be getting his MS at UMR in May 1976. Pat is a Research Engineer with the Port Authority of NY and NJ.

1945

Osborne Milton, 9024 Los Arboles Ave., NE, Albuquerque, NM 87112, has published several papers on Electrical Discharges in gases, solids, vacuum and on surfaces. Now working on Discharges in water, with research directed to deep hole drilling. Milton is with Sandia.

MSM Alumnus

1946

Robert L. Mann, P.O. Box 13, California, MO 65018 has moved from the Methodist Church in Palmyra to the ministry at the California (MO) United Methodist Church.

Eberhard H. Miller, 4129 Bray Dr., Corpus Christi, TX 78413, is now serving on the full-time faculty of DelMar College, Corpus. He is an Assistant Professor of Drafting Technique.

1949

William H. Gammon has been elected a senior vice president of Ashland Oil, Inc. His new responsibilities include the company's Personnel Department and labor relations. In addition, he will be responsible for Ashland's safety, office services and aviation activities as well as programs concerning oil shale development. Gammon has been serving as administrative vice president of the company, and, since joining Ashland Oil in 1955 as a chemical engineer, he has served in a number of other important divisional and corporate positions. Mr. Gammon and his wife reside at Castlewood, Apt. 11, Russell, KY 41165.

**THE MSM ALUMNUS
WELCOMES PICTURES
WITH NEWS ITEMS**

1950

Clarence A. Isbell, Jr., 14435 Avocado Lane, Florissant, says; "Attended Homecoming in October and had a great time renewing friendships on the 25th anniversary of graduation."

1952

John E. Evans is vice president and general manager of Global Marine Development in Newport Beach, CA. He and his wife Jackie have been married since 1952. They have three children, Debbie (22), Patty (19), and Jim (13). Their home address is 7115 Crest Road; Rancho Palos Verdes, CA 90274.

Don Matson, 3622 Imperial, Midland, TX 79701, President of the Spartan Oil and Gas Co., is also Associate Partner, Sioux Exploration Co. and on the Board of Monument Energy Corporation of Lovington, NM.

1954

Paul E. Ramsey, chief reservoir engineer for Murphy Oil Corp., has been promoted to Manager of Engineering as of November 1, 1975. Ramsey has been employed by Murphy since 1965. He and his wife, Donice Marie, have two sons, Paul E. Ramsey, Jr., and Rodger Allen. Their home address is 1809 W. Cedar; El Dorado, AR 71730.

The Alumni Office has been notified that George McQuie died October 31, 1972.

1956

LeRoy E. Thompson and Jimmy Hahs, '61, have formed a corporation, Thompson-Hahs Associates, Inc. Thompson, an associate professor at Florida International University, is heading the Lower East Coast Section of the Alumni Association.

1958

David R. Jenkins moved to Memphis in July to join Quaker Oats Chemicals after three years as plant manager for Sun Chemical Corp. in Chester, SC. He previously held various manufacturing positions with Celanese Corp. and Procter & Gamble. His new home address is 5096 Twin Woods, Memphis, TN 38134.

Dennis E. Mason is now Central Regional Manager for QWIP Systems, Division of Exxon Enterprises. His new address is 4020 Central Ave.; Western Springs, IL 60558.

1959

Robert L. Boxdorfer, 3547 Halliday, St. Louis, MO 63118, has just completed 11 years as Superintendent of Alarms for the City of St. Louis. His oldest daughter is an accountant, Bob, Jr., is a sophomore at NMSU, Kirksville, Brenda is in high school Brian and Craig in grade school. Bob would like to hear from classmates.

**JOIN THE
CENTURY CLUB**

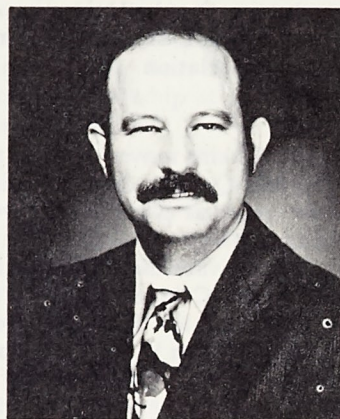
1959 (Cont.)

Clyde C. Corey, of 11044 Coral Aloe Ave., Fountain Valley, CA 92708, is still busy with handling & transportation of equipment for Aerospace hardware. He is Senior Engineer/Science for McDonnell Douglas Astronautics. Clyde and Evelyn hope to vacation in their home town of Rolla next summer with their children; Ingrid, Charles and Erika.

1960

Doug Munsell, 221 La Motte, Ferguson, MO 63135 was elected councilman on April 1, he and Marge are active in Missouri Citizens for Life.

1961



John L. Hodges '61

John L. Hodges has been named manager of the Atlanta manufacturing plant of the Glass Container Division of Owens-Illinois. He had been manager of quality assurance for the division with headquarters in Toledo. Mr. Hodges joined Owens-Illinois in 1961 as an industrial engineer trainee. He is married to the former Ellen Crabb of Springfield, MO, and they have four children, Ellen Michele, Robin Renee, Johnna Leigh, and John Eric. The Hodges will be moving to the Atlanta area in the near future.

Jon D. Steinbach has been made manager of operations for Ashland Pipe Line Co. in Ashland, KY. He joined Ashland in 1963 and has served in a number of process engineering, crude oil supply and transportation posts. Mr. Steinbach lives at 87 Verna Dr.; Russell KY 41169.

1962

Richard O. Rouse has been elected vice president Midwestern Region underground operations for Consolidated Coal Co. He is responsible for the operation of the Franklin, Friendship Park, Oak Park, and Rose Valley mines in eastern Ohio and the Hillsboro Mine in Illinois. Mr. Rouse is married to the former Arlene Rogers. They have three children; Richard Orrin, 19; Donna Jean, 16; and John Douglas, 9. Their home address is Box 72, Colerain, OH 43916.

The Alumni Office has been notified of the death of John J. Schwaller.

1963

Walter Mueller, Jr., vice president-operations, Ohio Valley Division of Consolidated Coal Co., has been promoted to Vice President Moundsville Operations. He will have responsibility for the operation of the Ireland, McElroy and Shoemaker mines. Mr. Mueller is married to the former Susan Morrow. They have three children; Tracey, 11; Lynn, 7; and Walter G., 6. Their home is RFD 1, Box 381, Moundsville, WV 26041.

Ramesh P. Shodhan, 843 Valley Circle Dr., Apt. 103, Saline, MI 48176, is working as a Business Planning Analyst with Hoover-NSK Bearing Co. in Ann Arbor.

NOTICE

The Alumni Association through the Awards program recognizes individuals with honors appropriate to achievement, service and merit. The Awards Committee solicits suggestions of alumni and faculty and friends of the university who should be considered for such honors. Please send names with supporting information to the alumni office. All names previously suggested are maintained in the active file. An Award, presented at Homecoming, is not normally made to any member of a Reunion Class and honorees who are in that category are carried forward to a non-reunion year.

1964

David A. Floyd, Sr., of 919 Vivian in Collinsville, IL 62234, is now operating his own electronics firm, Floyd Electronics. Dave specializes in 2-way radio service and test equipment repair and calibration.

Jerrold Chervitz was recently appointed vice president of marketing for Solutions Thru Simulation (STS). STS, Inc. markets proprietary computer software packages. The programs are primarily used by Fortune 1000 companies for sales, economic, and financial forecasting. Jerry was formerly president of Interface Technology in St. Louis. His home address is 1524 Shoemaker; St. Louis, MO 63141.

1965

William and Connie Wells have their second child, Elaine Rene, born June 4, 1975. The Wells live at Rt. 2, Canton, MO 63435.

1966

Aldrew L. Scott, Jr. has been transferred from production at the Delco Electronics plant to general supervisor-maintenance. He is responsible for all maintenance and modification of production equipment for their semiconductor component, voltage regulator, and ignition module assembly plant. His home address is 3535 W. Jefferson, Kokomo, IN 46901.

Donald F. Housh and his wife, Kathleen, have a son. Jared was born in London on September 11, 1975. Mr. Housh is responsible for design and construction of pipelines and offshore loading systems for Conoco North Sea Inc.'s oil field projects in the North Sea. His title is supervising engineer. His home address is 43 Avenue Mansions, Finchley Road, London NW3, ENGLAND.

David J. Bufalo, 403 W. 22nd Ave., #212, Anchorage, AK 99503, is project engineer for SKW Constructors, Inc. He is currently working on the Barrow Shopping Center, Phase I, at Barrow, AK, which is scheduled for completion in late spring '76.

Floyd James Miller died November 12, 1975, shortly after being crushed as he adjusted the carburetor of an automobile on I-270 near St. Louis.

1967

The Alumni Office has been notified of the death of Howard C. Dwyer on July 3, 1975.

Larry E. Jones, of Route 3, 301 Kingston Road; Knightdale, NC 27545, has been promoted by Carolina Power & Light Co. to project quality assurance engineer in Raleigh. Jones joined CP&L in 1972. He is married to the former Mildred Ann Detamore of Charlottesville, VA., and they have two children.

Gary F. Sievert has been promoted from area manager of the Dow Industrial Service's Deer Park, TX, office to district manager of their North West District serving Alaska, Washington, Oregon, Montana, Idaho, and Wyoming. Gary and his family, wife Nancy, Greg (8), and Steven (6), are settled in their new home at 12703 NW 20th Ave., Vancouver, WA 98665.

Dale R. Merrell was in the Alumni Office in October to tell us about Alaska and some of the exciting things going on there. During the visit he told us that he has been promoted to Manager of the Metropolitan Sewer & Water Dept. of the City of Anchorage. Dale's home address is 4176 James Drive, Anchorage, AK 99504.

1968

Ralph H. Lueck and Lora R. Fansher were married on June 1, 1975, at St. Lucas United Church of Christ in Sappington, MO. The couple is now living at 11 Thomas Drive, Route 2, Imperial, MO 63052. Mr. Lueck is a senior highway designer with the Missouri State Highway Dept.

1969

James W. Huck, of 1506 Seifert Drive, Poplar Bluff, MO 63901, has received registration as a professional engineer. He is a sanitary engineer II with the Missouri Department of Natural Resources.

Mr. & Mrs. Ted Holland are happy to announce the birth of Beth Janette, born November 7, 1975. She has one brother, Bruce, 2 years old. The Hollands also have a new address: 1439 Paintbrush Court, Cheyenne, WY 82001.

MSM Alumnus

1970

John and Ann Beirne announce the birth of their second son, Charles Joseph, born in April 1975. Their first son, Timothy Michael, is 4 years old. Mr. Beirne joined the Illinois Terminal Railroad Company in St. Louis as an Assistant Chief Engineer-Design and Construction in October 1975. After January 1, 1976, his home address will be 295 Amberjack Drive, Ballwin, MO 63011.

Larry & Darlene Heisserer have a baby boy. Jason Todd was born on November 23, 1975. Larry is employed as an insurance agent for the Knights of Columbus and has been in Springfield, IL, for four years. His home address is 301 N. Stephen, Springfield, IL 62702.

Robert J. Siegel, of 1934A Western Cape Drive, St. Louis, MO 63141, is presently employed by Factory Mutual Engineering Co. as a Loss Prevention Engineer.

Matthew James Beardsley, only child of David and Eileen Beardsley, was born October 24. His weight was 3.835 kg (8 lb. 7 oz.) and length was 52.1 cm (20 1/2"). Father David says, "He has all the makings of a real engineer!" The family lives at 11009 Modesto Drive, St. Ann, MO 63074. Mr. Beardsley is a Bridge Structures Engineer with Sverdrup & Parcel.

Bill and Diane Shinn, Rt. 4, Box 656, Newburgh, IN 47630, have a son, Brian, born May 18, 1975 and a daughter, Lisa, 3 years old.

John Patrick Harmon has earned the Meritorious Service Medal for outstanding duty performance at Carswell AFB, TX. He was cited for his professional skill, knowledge and leadership. Lt. Harmon, is a communications operations officer. He was honored at Tempelhof Central Airport, Germany, where he now serves with a unit of the Air Force Communications Service.

Charles L. Schlef, of P.O. Box 1373, Rolla, MO has sent us the following notice: "My wife of four years divorced me on 21, Oct. 75 (final date). I now live alone in Doolittle while doing Graduate School at UMR in Ceramic Engineering."

HOMECOMING
1976
OCTOBER 22-23

1971



R. A. Bernard '71

Lt. Col. Richard A. Bernard has been appointed head of the Military Science department at the Colorado School of Mines. He was commissioned a reserve Second Lt. through the ROTC program in 1958 and entered active duty in 1959. Lt. Col. Bernard, his wife, Marjorie, and one of their three children reside in the Green Mountain area of Lakewood. Their two older children are presently enrolled as a junior and freshman at the Univ. of Colorado-Boulder.

John and Linda Braaf, 801 South Clay, Jacksonville, IL 62650, had a daughter born November 20, 1975. Her name is Sara Christine.

1972

Kurt and Gail Marshauss, Rt. #1, Box 310-B, Poplar Bluff, MO 63901 announce the birth of Robin Ranae on June 1, 1975. Sister Lorna Lea is 2 1/2.

Larry J. Zerwig has accepted a position as process engineer with PPG Industries in Fresno. He was formerly with their Crystal City, MO, plant. His new address is 1927 E. Simpson, Apt. 3, Fresno, CA 93703.

Dennis D. Fiebelman, Salem Route, Box 30, Boss, MO 65440, completed two years service as a U.S. Army 2nd Lt. on May 12 and is now a Maintenance Planning Engineer with Cominco American, Inc. at their Magmont mine in Bixby.

Michael and Donna Allen, 6533 Tholozan, St. Louis, MO 63109 celebrated the birth of their second daughter on July 31, 1975. Kathy is the baby and sister Susan is two years old. Mike is with Chemetron Corp., in St. Louis, and since October has been Manager of Quality Control for the Medical Products Division, with responsibilities for quality control and quality assurance.

1 9 7 2 (Cont.)

Alard Kaplan, of 1320 E. Algonquin, Apt. 1R, Schaumborg, IL 60172, has received his professional engineer registration in the State of Wisconsin. Al is employed as a project engineer for Mobil Oil Corp.

Linda, Bruce and Elecia Stone have moved from Overland Park, KS to 5604 S. 147th Court, Omaha, NE 68137. Bruce is production operations manager for Nox-Crete Chemical.

Robert T. Berry received the MS in Engineering Management from Boston Univ. on June 1, 1975. He will terminate active duty with the U.S. Army on 11/28/75 and be home to celebrate the holidays with his family at 1019 Lynwood Dr. in Rolla before he accepts a civilian job.

Captain Phillip L. Brown was caught up in the recent Army reduction in force action and left active duty after more than 9 years in service. Phil and May now call Bad Kreuznach, Germany home, where Phil is a GS-11 in the department of the Army as a civilian. Phil is still in the Army Reserve (active) as a captain. His mail address is Facilities Engineer Division, APO NY, NY 09252. His official title is Deputy Facilities Engineer for Plans & Contracts.

1 9 7 3

Joseph P. and Claire A. Warren were married in St. Louis on April 26, 1975. They are living at 4580 Wichita, Apt. 2E, St. Louis, MO 63110. Mr. Warren is a product design engineer with Lincoln-St. Louis.

Gary Frossard and his wife, Pat, became parents of a girl named "Maggie" last May. Gary also has a new job as project manager with Juengel Construction Co. in St. Louis. The Frossard family lives at 925 Blue Bonnett, St. Louis, MO 63122.

Kenneth L. Gentry and his wife Janet '71, will be living at 2642 Forest Dr., Apt. 202, Woodridge, IL 60515 for at least the next six months. Ken has been working as a project engineer for Eagle Picher Industries in Joplin since August 1973. For the next six months he will be on temporary assignment as industrial participant with Argonne National Labs in Illinois.

1 9 7 3 (Cont.)

Captain Richard B. Drane, Jr. has graduated from the Air University's Squadron Officer School at Maxwell AFB, AL. He received instruction in communicative skills, international relations, manpower management resources and responsibilities preparing junior officers for command-staff duties. Captain Drane serves as a computer systems design engineer at Gunter Air Force Station, AL. He and his wife, Martha, live at 2827 Peabody Road, Montgomery, AL 36111.

John and Janet Hofer are parents again with a second daughter, Joni Marie, born August 3, 1975. Their first daughter, Julie Renee' was five on Sept. 14, 1975. The family lives at 4717 Briarwood Dr., Chattanooga, TN 37416. John is an engineer with Hensley-Schmidt, Inc.

1st Lt. Richard C. Slovensky is currently assigned as Assistant Operations Officer for Training, 5th Eng. Bat. and resides at 4111-1, Fort Leonard Wood, MO 65473. 1974

1 9 7 4

Paul Miller is back from blazing the Amazon Jungles of the AMAPA Territory. Reports excellent food and variety — no headhunters or poison darts encountered. Swimming was great, but perhaps too frequent — the heavy piranha population did not interfere... much! The biggest measured anaconda was 23 feet long; however, there was one that 'had to have been at least 35 feet... we didn't stop to measure that one.' The best foods from the camp cuisine were alligator tails, wild pig and, of course, bananas. Paul recommends roast monkey every 14th month of the year (just in case a 13th month develops). Sleeping in a hammock is fine, but is rough swinging in 4 foot waves on a 50 foot supply barge... wet too! Don't believe those stories that the native Indians never tip over in their dug-out canoes — take a banana barge first. "Paulo fale muito bem Portugues." Paul is now working for Consolidation Coal Company in "beautiful, wild, and wonderful West Virginia." His home address is 920 Augusta Street, Bluefield, WV 24701.

1 9 7 4 (Cont.)

Tim Carroll accepted a position as geologist with the Bureau of Land Management, Department of the Interior after graduation. (The BLM is the principal land management agency which administers the public lands placed in trust to the Federal Government by the people of the U.S. These lands are situated mostly in the western states.) After receiving lands and minerals training in Phoenix, he was transferred to Kanab, Utah, in December 1974. Last July Mr. Carroll was promoted to Paria Resource Area Geologist in Cedar City, Utah. His mail address is Box 215, Kanab, UT 84741.

Michael J. Kessler and the former Cindy Brock were married and are now living at 11066 Dunklin, Apt. 103, St. Louis, MO 63138. Mike is a technical service engineer assigned to Amoco's Wood River Refinery.

Stan Paczkowski, 900 Hornsby Ave., St. Louis, MO 63147, has taken a new job as Field Engineer-Construction, City of St. Louis.

John and Kristi Gibson are both working for Exxon Co. U.S.A. Kristi works in the process engineering department and John works in the mechanical engineering department. Their home address is 1601 Garth Road, Apt. 3503, Baytown, TX 77520.

1 9 7 5

Ricky A. Menking has been commissioned a second lieutenant in the U.S. Air Force. He now goes to Kessler AFB, MS, for training and duty as a communications systems officer. Lt. Menking and his wife, Linda, are living at 2950 Irish Hill Dr., Apt. 33, Biloxi, MS 39534.

Pamela Ann Thebeau accepted a mathematics teaching position with the Rolla Public Schools and is teaching junior high math. (My son says she is a great teacher even though he is barely passing.) Pam lives at D-6 Huffman Trailer Court, Rolla, MO.

Jeff Capps and the former Vicki Womble were married on August 2, 1975. Jeff has accepted a position as designer with the Mo. State Highway Dept. in Joplin. We do not have a home address on file.

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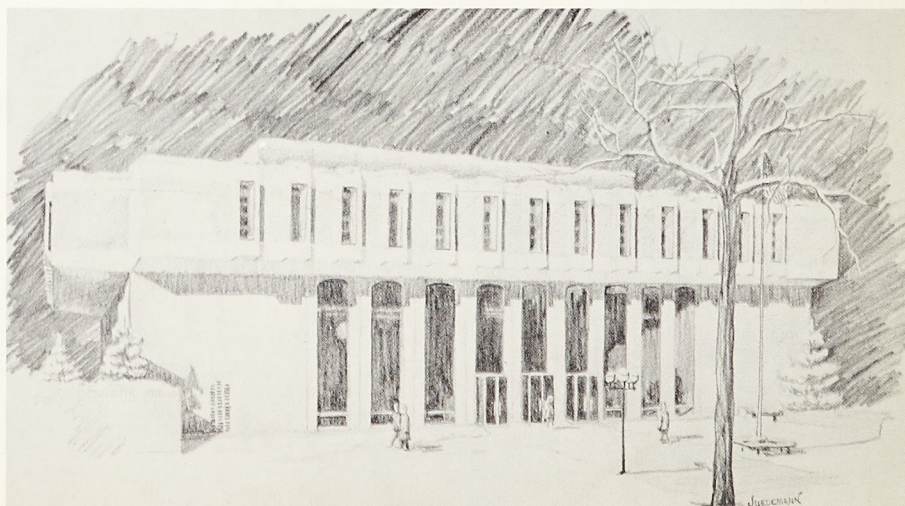
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